South Park Marina
Seattle, Washington

Additional Site Characterization Activities Data Report

FINAL

Prepared for

DEPARTMENT OF ECOLOGY
State of Washington

Washington State Department of Ecology
Toxics Cleanup Program
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Table of Contents

Page

Figures

Tables

Appendices

List of Acronyms

bgs	below ground surface
CAS	Columbia Analytical Services
CSL	Cleanup Screening Levels
EAA	Early Action Area
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
HCID	Hydrocarbon Identification
LDW	Lower Duwamish Waterway
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act
NAPL	Non-aqueous phase liquid
NW-HCID	Northwest Hydrocarbon Identification Analysis Method
NWTPH-Dx	Northwest Diesel- and Oil-Range Petroleum Hydrocarbon Analysis Method
NWTPH-Gx	Northwest Gasoline-Range Petroleum Hydrocarbon Analysis Method
PCB	Polychlorinated biphenyl
PCE	tetrachloroethene
PID	photoionization detector
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
SAIC	Science Applications International Corporation
SAP	Sampling and Analysis Plan
SEIDG	Summary of Existing Information and Data Gaps
SMS	Sediment Management Standards
SPM	South Park Marina
SQS	Sediment Quality Standards
SRP	Site Reconnaissance Plan
SVOC	semi-volatile organic compound
TPH	total petroleum hydrocarbons
VOC	volatile organic compound
µg/L	micrograms per liter

1.0 Introduction

This data report was prepared by Science Applications International Corporation (SAIC) on behalf of the Washington State Department of Ecology (Ecology). This report presents the results of environmental sampling carried out at the South Park Marina (SPM), as outlined in the *Sampling and Analysis Plan for Site Reconnaissance Investigation* (SAP) (SAIC 2007a).

The SPM is located at 8604 Dallas Avenue South in Seattle, Washington. The facility lies within the Lower Duwamish Waterway (LDW) Superfund site and is adjacent to the waterway and the Terminal 117 Early Action Area (EAA) (Figure 1). Because of the presence of contamination, Terminal 117 was identified as a high priority site by the Environmental Protection Agency (EPA) as a candidate for early sediment cleanup action. SPM is located adjacent to the northern boundary of the Terminal 117 site. Historical information and sampling results suggest that soil and groundwater contamination may also be present at the SPM site.

The *Summary of Existing Information and Identification of Data Gaps, South Park Marina* (SEIDG) report and the *Site Reconnaissance Plan* (SRP) were prepared in June 2007 (SAIC 2007b,c). These reports summarize information relevant to the potential for sediment recontamination from the SPM site and identify several data gaps. The SRP further outlined a plan for performing initial investigations at the site. Activities outlined in the SAP were intended to address some of the data gaps identified in the SEIDG and SRP, and to provide reconnaissance level characterization information.

The previous site uses of the SPM property have been identified as far back as the 1940s. The A&B Barrel Company, a drum reconditioning operation, occupied the southeastern part of what is now the SPM (Figure 2). This facility operated between 1946 and 1961 and included a square building located about 50 feet north of Dallas Avenue, a waste disposal pond located between the building and the waterway, and an outdoor yard area, apparently used for storage.

Based on historical photographs, it appears that the pond operated between at least the mid-1950s and 1961. Oils, grease, and sodium hydroxide were reportedly discharged to the pond. It is likely that other types of waste residues remaining in the drums during cleaning were also disposed of in the pond. Aerial photographs show what appear to be drums stored on the property to the north and west of the square building and also possibly surrounding the disposal pond.

In 1961 the site was completely vacated; the building was removed, the pond was filled in, and the area was regraded. The site was subsequently occupied by the SPM, which has been in operation since 1970 and currently includes boat repair and maintenance facilities, upland boat storage, boat haul-out services, a boat-launch ramp, and moorage slips in the Duwamish Waterway.

The portion of the SPM formerly occupied by the A&B Barrel Company now includes five buildings that are used for boat-building, repair, maintenance, and other activities such as an art studio and storage unit. The buildings contain from one to three work bays each, for a total of eight bays; the bays are designated as buildings “0” through “7” (Figure 2).

2.0 Field Activities

2.1 Field Schedule

Investigation field activities included sampling and analysis of subsurface soil, groundwater, bank soil, and intertidal sediment. Specific activities and field schedule are listed below:

- Site walk and underground utilities location: September 25, 2007
- Soil borings and monitoring well installation: September 26–28, 2007 and October 1, 2007
- Well surveying and short-term tidal study: October 1, 2007
- Groundwater sampling and bank soil sampling: October 8–9, 2007
- Intertidal sediment sampling: March 12, 2008
- Second groundwater sampling: March 12, 2008

2.2 Soil Borings

Sixteen soil borings (SB-1 to SB-16, Figure 2) were advanced to total depths ranging from 2.5 to 20 feet below ground surface (bgs). Soil borings were hand-cleared to 5 feet bgs to avoid possible utility damage by using a hand auger. After each soil boring location was hand-cleared, a portable direct-push rig was set on each boring location to continue down-hole advancement. Six borings were completed inside buildings or other locations where access by the drill rig was not possible (SB-11 to SB-16). These six borings were advanced using a hand auger, shovel, and other hand tools.

Soil samples were collected from each soil boring by direct-push cores or hand tools (hand auger, shovel, and trowel). Soil cores from the drill rig were collected in 4-foot long acetate liners. Soil collected in cores or with hand tools were logged using standard techniques described below.

Each soil boring was logged for the following features:

- Color
- Moisture content (dry, damp, moist, or wet)
- Lithology (using the modified Unified Soil Classification System)
- Anthropogenic material
- Geological interpretation, if pertinent (e.g., fill, topsoil, till, etc.)
- Presence of sheen or non-aqueous phase liquid (NAPL)
- Presence of odor or other indicators of contaminants
- Field screening results for organic vapor (using photoionization detector [PID])
- The boring logs for this investigation are provided in Appendix A.

Based upon field screening results, soil samples were collected for laboratory analysis. If field screening techniques did not indicate the presence of contamination, a soil sample was collected

from near the water table for laboratory analysis. Validated analytical results are presented in Appendix B.

Between each borehole, all soil sampling equipment (hand auger, trowel, etc.) and field screening equipment (metal bowls, spoons, sheen pan) were decontaminated using a three-part wash/rinse process consisting of a Liquinox™ wash, a tap water rinse and a de-ionized water rinse. Downhole equipment such as push rods were pressure-washed between each boring.

Soil borings SB-1 through SB-10 were located in areas with sufficient working space to be accessible with the portable direct-push rig. Soil borings SB-11, SB-12, and SB-14 through SB-16 were located inside Building 0 and Building 1 at the site (Figure 2). Building 0 is occupied by a large boat and therefore offered a limited working area, which made the task of soil sampling difficult. Additionally, the underlying lithology (backfill) was too dense and rocky to reach the desired depths. Building 1 is used as a workshop, which offered more working space; however, the underlying lithology (backfill) once again hampered efforts to reach the desired depths.

At a minimum, one soil sample from each soil boring was submitted for laboratory analysis. As summarized in Table 1, each sample was analyzed for the following:

- Semi-volatile organic compounds (SVOCs) by EPA Method 8270C
- Polychlorinated biphenyls (PCBs) by EPA Method 8082
- Eight Resource Conservation and Recovery Act (RCRA) metals by EPA Method 6020/7470
- Chlorinated pesticides by EPA Method 8081
- Hydrocarbon identification (HCID) by Ecology Method NW-HCID

Additionally, total petroleum hydrocarbons in the gasoline range and diesel range were analyzed only if the HCID analysis indicated constituent concentrations within the respective range. These analytical methods included the following:

- Total petroleum hydrocarbons (TPH) for the gasoline range by Ecology Method NWTPH-Gx
- Total petroleum hydrocarbons for the diesel range by Ecology Method NWTPH-Dx extended, with silica gel cleanup

In addition to the proposed soil samples collected, one field duplicate soil sample was also collected from one sampling location.

2.3 Monitoring Well Installation

Three of the sixteen soil borings were completed as groundwater monitoring wells. Soil borings SB-1 to SB-3 were completed as monitoring wells MW-1 to MW-3, respectively (Figure 2). After each borehole was advanced to 20 or 21 feet bgs, a determination was made on the interval to set the well. The wet zone above a silt layer was too thin to set the well screen above this silt, so the screen was set below the silt or within sandy zones of the silt (see Section 3.1 below).

Each monitoring well was constructed of factory sealed 0.75-inch diameter polyvinyl chloride (PVC) pipe. Each well includes 10 feet of 0.010-inch slotted screen surrounded by the pre-pack

20/40 silica sand for a filter pack. The remaining annular space in the borehole around the pre-pack well screen was backfilled with 8/12 sand, up to approximately 3 feet bgs. The interval from 2 to 3 feet bgs was backfilled with hydrated bentonite powder. Each monitoring well was completed with a watertight cap and flush-grade well vault, which was secured with concrete from ground surface to 2 feet bgs.

Following installation, each monitoring well was developed by pumping water and any fine sediment using a peristaltic pump. Turbidity rapidly cleaned up in all three wells due to the presence of pre-pack sand.

The locations and top-of-casing elevations of the three new monitoring wells (MW-1, MW-2, and MW-3) were surveyed by Bush, Roed & Hitchings, Inc. (Table 2).

2.4 Tidal Study

A short-term tidal study was conducted for several hours on October 1, 2007. The purpose of this survey was to evaluate the groundwater level relationship to the surface water tidal changes in the Duwamish Waterway. Specifically, the time lag was evaluated for groundwater in the three wells following a peak in the surface water of the tidally influenced waterway. Due to the schedule and the season, it was not possible to conduct the study during a low tide, but instead a daily high-tide period was evaluated. Water levels in the three new monitoring wells (MW-1, MW-2, and MW-3) were measured with a water-level meter at approximately one-hour intervals (Table 2). The comparable tidal levels in the Duwamish Waterway were downloaded from a nearby monitoring station and plotted together with the groundwater levels. The results enabled the tidal lag to be understood, which is discussed below in Section 3.1.

2.5 River Bank Soil and Sediment Sampling

River bank soil and intertidal sediment samples were collected in two transects perpendicular to the shoreline at the SPM (Figure 2). Transect A was located several feet northwest of the SPM property boundary with Terminal 117. Transect B was located approximately 25 feet northwest (downstream) of Transect A. At each transect, a soil sample was collected immediately above the top of the retaining wall, and another just below the base of the wall. An intertidal sample was collected from a few inches below the water surface at low tide in the waterway. All samples were collected at depths from 0 to 4 inches below the surface of the soil or sediment. Samples were collected using a pre-cleaned stainless steel scoop and were analyzed for the parameters shown on Table 1. Soil samples were collected on October 8, 2007. Due to the lack of a major daytime low tide during the fall and winter, the intertidal sediment sampling was delayed until March 12, 2008.

The sediment samples were collected from material deposited between the lowermost rip rap, below the low-tide water level. Sediment was sparse and somewhat difficult to find in enough volume to sample. Based on its depositional presence in pockets between blocks of rip rap, it is likely that this sediment is not eroded bank soil, but rather is sediment that has settled out of the waterway from upstream.

2.6 Groundwater Sampling

Groundwater was sampled on two occasions during low-tide periods, on October 8–9, 2007, and again on March 12, 2008. The groundwater sampling events took place during and following a significant low tide, based on the timing results of the tidal study. During the two sampling events, groundwater samples were collected from each of the three newly installed monitoring wells. Each of the monitoring wells was purged using standard low-flow procedures. Groundwater was purged and sampled using a peristaltic pump with disposable silicon and polyethylene tubing.

Groundwater samples were collected and submitted to Columbia Analytical Services (CAS) for laboratory analysis. As shown in Table 1, each groundwater sample from the first event was analyzed for the following constituents:

- SVOCs by EPA Method 8270C
- PCBs by EPA Method 8082
- Eight RCRA metals (total and dissolved) by EPA Method 6020/7470
- Chlorinated pesticides by EPA Method 8081
- Hydrocarbon identification by Ecology Method NW-HCID
- Total petroleum hydrocarbons for the gasoline range by Ecology Method NWTPH-Gx
- Total petroleum hydrocarbons for the diesel range by Ecology Method NWTPH-Dx extended, with silica gel cleanup

During the second event, the list of analyses was streamlined, based on the analytical results of the first event (Table 1). It should be noted that groundwater samples from the first event were submitted as both filtered and unfiltered for the eight RCRA metals. The groundwater samples were filtered using an in-line, 0.45-micron nitrocellulose filter. Based on the very low turbidity in the groundwater from the first event, filtering was not conducted on the second event samples.

2.7 Seep Investigation

The banks of the Lower Duwamish Waterway were inspected for seeps at low-tide periods on several days during field reconnaissance and sampling activities. No seepages were witnessed on the SPM property. However, some seepage zones were noted just to the southeast of the property, adjacent to the Terminal 117 property. Consequently, no seep samples were collected as part of this site characterization at the SPM.

3.0 Investigation Results Summary

The following results pertain to the geology and hydrogeology of the site, including the tidal survey, in addition to the analytical results for soil boring sampling, river bank and sediment sampling, and groundwater sampling.

3.1 Geology and Hydrogeology

During direct-push sampling and hand-augering activities, the following geologic units were identified at the site (from top to bottom):

1. An upper unit of fill identified throughout the site; this includes road base material below the large asphalt portion of the site. This material is rocky or gravelly, with some sand and silt, and is up to 1 foot thick.
2. A localized unit of silty sand and gravelly silt, with common anthropogenic debris. This material has a maximum thickness of at least 3.25 feet, and it corresponds to the disposal pit fill material.
3. A layer of fine- to medium-grained sand identified throughout the site; it has a maximum thickness of up to 10.5 feet.
4. A layer of silt and sandy silt identified throughout the site; it is up to 9 feet thick. This layer also grades into a silty sand; by including this silty sand material, the total unit has a maximum thickness of at least 12 feet.
5. A lower layer of fine- to medium-grained sand; this unit has a maximum thickness of at least 9.5 feet (identified only at SB-1, SB-4, and SB-8).

The relationships between geologic units are shown in a cross section extending across the site (Figure 3). Note that the material forming geologic unit 2 (silt, sand, gravel, and anthropogenic debris) corresponds to the waste pond fill material. This pond area used by the former A&B Barrel Company was apparently filled with this varied debris upon closure. This pond fill material was easily recognizable in the field, and it also had a moderately strong solvent and/or fuel odor during sampling.

During soil boring activities, the water table typically was located near the interface between geologic units 3 and 4. As a result, the three wells were screened either in the sand of unit 5, or in the sandier portions of unit 4. Although the cross section (Figure 3) shows up to about 3 feet of groundwater above unit 4, this was measured during a period of high tide. Therefore, during most of the tidal cycle, there would be little or no groundwater present above this fine-grained unit.

Overall, three main hydrogeologic units are recognized: an upper sand (geologic unit 3) that is occasionally saturated in its lower part; a middle silt, sandy silt, and silty sand (unit 4); and a lower sand (unit 5) that is virtually entirely saturated. The material forming unit 4 was mostly described as wet or saturated, and it may be considered a leaky aquitard. However, due to the amount of sand and the high moisture content of unit 4, the entire soil column (below the water table) could be considered a single aquifer.

The results of the short-term tidal survey are depicted as a hydrograph in Figure 4. This figure shows that, during a high tide, groundwater in wells MW-2 and MW-3 has a tidal peak that lags behind the waterway surface level by about one-half hour. Groundwater in well MW-1 lags behind the waterway tidal peak by about 2 hours; this well is located farther from the shore than the other two. The water levels in these three wells also are lower in elevation than the water level in the waterway during and preceding the high-tide period. Thus, groundwater would reverse flow during this part of the tidal cycle. Overall, groundwater is expected to flow toward and discharge to the Duwamish Waterway.

3.2 Soil Boring Analytical Results

Validated laboratory analysis results for soil boring samples are presented in Appendix B; the data validation report is included in Appendix C. A summary of chemicals detected in the soil boring samples is presented in Table 3. This table includes only those chemical parameters that were detected at least once in any onsite soil or sediment samples. For screening purposes, the sample results are compared to Model Toxics Control Act (MTCA) Method A and B Soil Cleanup Levels, as well as the Sediment Protection screening levels for soil (SAIC 2006). Chemical values that exceed these levels are highlighted and/or bolded in Table 3. A summary of exceedances for each chemical parameter is provided in Table 4. The following text briefly summarizes the major findings of the chemical analysis exceedances, listed by major chemical group.

Metals. As shown in Tables 3 and 4, results for seven metals exceed screening levels in one or more samples. All samples exceed the Method B Cleanup Level for arsenic, although none of the values exceed Method A or the Sediment Protection levels. The maximum concentration of mercury (29.5 milligrams per kilogram [mg/kg]) was identified in a sample from the former disposal pond area, which exceeds the Sediment Protection level by a factor of 983 times and also exceeds the Method A level by 15 times. The maximum concentration of lead (3,180 mg/kg) was also identified in a sample from the disposal pond area, which amounts to 47 times the Sediment Protection level and 13 times the Method A level.

PCBs. Aroclor 1254 and/or Aroclor 1260 exceed MTCA Cleanup Levels and Sediment Protection screening levels in all samples collected from the disposal pond area, with a maximum concentration of 36 mg/kg. This corresponds to a factor of 554 times the Sediment Protection level and 36 times the Method A level. A sample outside the pond area from SB-13 at 7 feet bgs identified Aroclor 1254 at 13 mg/kg, but none was detected at shallow depths; this is the location where a previous sample (associated with the Terminal 117 investigation) identified PCBs at shallow soil depth.

Pesticides. The chlorinated pesticides 2,4'-DDT, 4,4'-DDT, aldrin, and dieldrin exceed MTCA Cleanup levels in samples collected from the disposal pond area. The highest identified concentration was for aldrin with a concentration of 9.4 mg/kg, which corresponds to a factor of 159 times the Method B Cleanup Level.

SVOCs. A number of semi-volatile organic compounds were identified as exceeding screening levels in all but one of the samples collected from the former disposal pond area. The highest concentration relative to screening criteria is for bis(2-ethylhexyl)phthalate (7.0 mg/kg) at a

factor of 90 times the Sediment Protection level. Concentrations of pentachlorophenol also exceed this level by up to a factor of 76 times, and 2-methylnaphthalene exceeds by up to 62 times.

TPH. Gasoline-range, diesel-range, and heavy oil (residual)-range petroleum hydrocarbons exceed screening levels in samples collected from the former disposal pond area. Concentrations exceed the Method A Cleanup Levels by a factor of 14 times the heavy oil-range hydrocarbons and 12 times the gasoline-range hydrocarbons.

VOCs. Several volatile organic compounds (VOCs) exceed screening levels in two samples from the southeastern portion of the disposal pond area. VOC analyses were limited to five samples from the pond area. The greatest exceedance is for concentrations of 1,2-dichlorobenzene (up to 0.31 mg/kg), at a factor of 82 times the Sediment Protection level.

3.3 River Bank Soil and Sediment Analytical Results

River bank soil and intertidal sediment samples were collected in two transects (A and B) approximately perpendicular to the shoreline, with three samples in each transect. Validated laboratory analysis results for bank soil and sediment samples are presented in Appendix B; the data validation report is included in Appendix C. A summary of chemicals detected in these samples is presented in Table 5. This table includes only those chemical parameters that were detected at least once in any bank soil or sediment samples. For screening purposes, the bank soil sample results are compared to MTCA Method A and B Soil Cleanup Levels and the Sediment Protection screening levels for soil (SAIC 2006). The intertidal sediment samples are compared to the Sediment Management Standards (SMS), including the Sediment Quality Standards (SQS) and Cleanup Screening Levels (CSL). Chemical values that exceed these levels are highlighted and/or bolded in Table 5. A summary of these exceedances for each chemical parameter is provided in Table 4. Note that intertidal sediment sample results only exceed SMS criteria for two analytes (total PCBs and benzyl alcohol). The following text briefly summarizes the major findings of the chemical analysis exceedances, listed by major chemical group.

Metals. As shown in Tables 4 and 5, results for six metals exceed screening levels in one or more bank soil samples; none of the sediment sample results showed exceedances. All soil sample results exceed the Method B Cleanup Level for arsenic, although none of the values exceed Method A or the Sediment Protection levels. Arsenic concentrations in the intertidal sediment samples (up to 18.5 mg/kg) are higher than in any soil samples onsite; however, the sediment sample results did not exceed the SMS levels. The maximum exceedance of any metal over the Sediment Protection levels for soil is copper, by a factor of 26 times the copper criteria in a river bank soil sample (1,020 mg/kg, Transect B); the concentration in the intertidal sediment for Transect B is much lower (66.9 mg/kg).

PCBs. Aroclor 1260 was detected in both bank soil and sediment samples. Aroclor 1248 was detected only in one sediment sample. Concentrations were higher in sediment samples than in bank soil samples. The highest concentration is for Aroclor 1260 (1.7 mg/kg) in the Transect A sediment sample; this is equivalent to 85 mg/kg OC (organic carbon normalized), which exceeds the SMS levels for total PCBs by a factor of 7.1 times the SQS. The highest concentration for

Aroclor 1260 in bank soil is 0.32 mg/kg, which is a factor of 4.9 times the Sediment Protection levels for soil.

Pesticides. No exceedances of pesticide criteria are identified in results from bank soil or sediment samples.

SVOCs. A total of nine semi-volatile organic compounds plus total carcinogenic PAHs are identified as exceeding screening levels in up to three bank soil samples. The highest concentration relative to screening criteria is for dimethylphthalate (3.7 mg/kg) at a factor of 39 times the Sediment Protection level. The only exceedance of intertidal sediment results is for benzyl alcohol (0.087 mg/kg), corresponding to a factor of 1.5 times the SQS.

TPH. No exceedances of petroleum hydrocarbons are identified in results from bank soil or sediment samples.

VOCs. Volatile organic compounds were not analyzed for in samples from the bank soil/ sediment transects.

3.4 Groundwater Analytical Results

Validated laboratory analysis results for groundwater samples are presented in Appendix B; the data validation report is included in Appendix C. A summary of chemicals detected in these samples is presented in Table 6. This table includes only those chemical parameters that were detected at least once in any groundwater samples. For screening purposes, the sample results are compared to MTCA Method A and B Groundwater Cleanup Levels, as well as the Sediment Protection screening levels for groundwater (SAIC 2006). Chemical values that exceed these levels are highlighted in Table 6, which also summarizes exceedances for each chemical parameter. The following text briefly summarizes the major findings of the chemical analysis exceedances, listed by major chemical group.

Note that non-aqueous phase liquid (NAPL) was not encountered during the sampling of any of the monitoring wells. A resampling of these wells is planned for the near-future in order to analyze for mercury with a lower detection limit.

Metals. As shown in Table 6, arsenic is the only metal that exceeds screening levels. Results from all samples exceed the Method B Cleanup Level for arsenic. One sample (MW-2) at 8.07 micrograms per liter (µg/L) also exceeds the Method A level, corresponding to a factor of 139 times the Method B level and 1.6 times the Method A level.

PCBs. PCBs were not detected in any groundwater samples from SPM.

Pesticides. Dieldrin is the only pesticide to show exceedances in groundwater sample results, only from MW-3. Concentrations of dieldrin (up to 0.063 µg/L) exceed the Method B Cleanup Level by a factor up to 11 times.

SVOCs. No exceedances of semi-volatile organic compounds are identified in results from groundwater samples.

TPH. No exceedances of petroleum hydrocarbons are identified in results from groundwater samples.

VOCs. Four volatile organic compounds were detected in groundwater samples, but only one exceeds any criteria. Tetrachloroethene (PCE) was detected at 0.16 to 0.20 µg/L in MW-2 and MW-3. The maximum concentration exceeds the MTCA Method B Cleanup Level by a factor of 2.5 times.

3.5 Summary of Analytical Results

A number of contaminants are identified at concentrations exceeding screening levels in soil, sediment, and groundwater samples at the South Park Marina site. By far, the most significant exceedances originate from soil samples in five shallow borings within the outline of the former disposal pond area. Exceedances for metals, PCBs, chlorinated pesticides, SVOCs, and TPH are greater for soil sample results in the disposal pond area than in other portions of the site, including the river bank and intertidal sediment areas. VOC exceedances also are noted in samples from the disposal pond area, but VOCs were not analyzed in solid samples at other site areas. The analytical results confirm that the disposal pond area is a source of a variety of chemical contaminants that could potentially reach the waterway.

Results from river bank soil and intertidal sediment samples also show exceedances of screening levels for metals, PCBs, and SVOCs; however, only three individual exceedances are noted from sediment results. It is uncertain if the intertidal sediment originates from erosion of the bank or via deposition of suspended material from upstream. The lower bank soil that was sampled is separated from the intertidal sediment sampling area by a zone of rip rap that extends down into the low-tide zone. At the time of low-tide sampling, sediment was sparse near the water line and was only found in some pockets between rocks just below the water level. The source of this limited sediment appears to be from settling of waterway-transported material rather than erosion and transport of bank soil across the rip-rap zone, although a combination of the two sources cannot be ruled out. Higher concentrations of PCBs in the sediment than in the bank soil, and higher arsenic in sediment than in any site soils, also suggest that bank soil may not be the source of the sediment and its contaminants.

Groundwater sample results from the site show exceedances of screening levels for three chemicals. These exceedances include: arsenic in all three wells, dieldrin in MW-3, and PCE in MW-2 and MW-3. By comparison to soil results, arsenic was identified above the Method B Cleanup Level in soil throughout the site; dieldrin was identified above the Method B level in one soil sample in the disposal pond area; and PCE was identified above the Method A level in two soil samples in the disposal pond area. Thus, at least for dieldrin and PCE, there seems to be a connection between the disposal pond soil chemistry and the downgradient groundwater chemistry. Although mercury was detected in pond area soil and intertidal sediment samples, mercury was not detected in groundwater. Analysis of mercury in groundwater at lower detection limits is needed to determine if there is a current pathway for mercury from the pond area to the Lower Duwamish Waterway.

There does not appear to be a good correlation between the sample chemistry of the soil in the former disposal pond and the bank soil/sediment sample chemistry. Aroclor 1254 was found to

be more prevalent and at higher concentrations than Aroclor 1260 in soil samples from the disposal pond area, but only Aroclor 1260 was detected in bank soil and sediment samples (with one minor exception in sediment). In addition, for results of pesticides, SVOCs, and TPH, there is not a good correlation between the disposal pond soil and bank soil/sediment sample results.

In conclusion, a number of screening level exceedances for contaminants were identified at the South Park Marina site, particularly in soil of the former disposal pond area. However, the pathway for these contaminants to reach the Duwamish Waterway is not clearly established. Groundwater only shows limited exceedances of contaminants. River bank soil samples also show a number of exceedances of standards, but the link between these contaminants and those in the intertidal sediment samples is uncertain.

4.0 References

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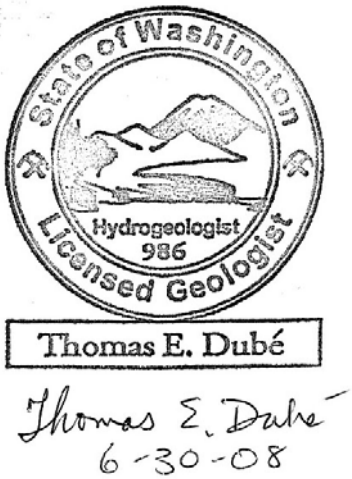
SAIC. 2007b. Site Reconnaissance Plan, Lower Duwamish Waterway, South Park Marina. Prepared for the Washington State Department of Ecology. Prepared by SAIC, Bothell, WA. June 2007.

SAIC. 2007c. Summary of Existing Information and Identification of Data Gaps, Lower Duwamish Waterway, South Park Marina. Prepared for the Washington State Department of Ecology. Prepared by SAIC, Bothell, WA. June 2007.



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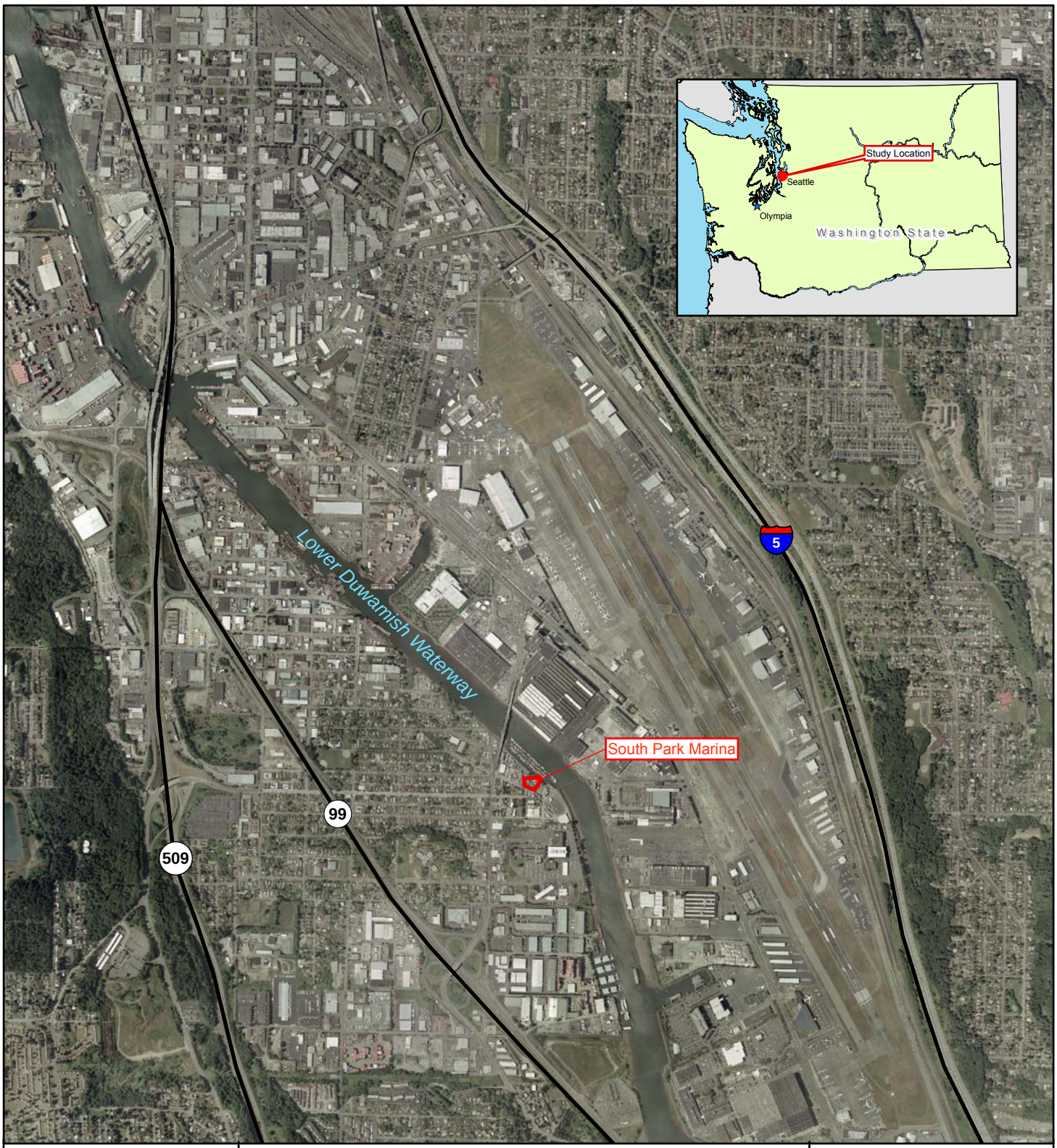
LIMITATIONS

As part of this report, SAIC's investigation was restricted to collection and analyses of a limited number of environmental samples, visual observations and field data, in addition to summarizing available information from previous site documents. Because the current investigation consisted of evaluating a limited supply of information, SAIC may not have identified all potential items of concern. This report is intended to be used in its entirety; taking or using excerpts from this report is discouraged.

Figures



N
W E
S

0 0.25 0.5
Kilometers

0 0.25 0.5
Miles

FIGURE 1

Site Regional Vicinity Map

DEPARTMENT OF ECOLOGY
State of Washington

SAIC
From Science to Solutions

:\LDW\gis\projects\SouthPark\VicinityMap061908.mxd June 25, 2008

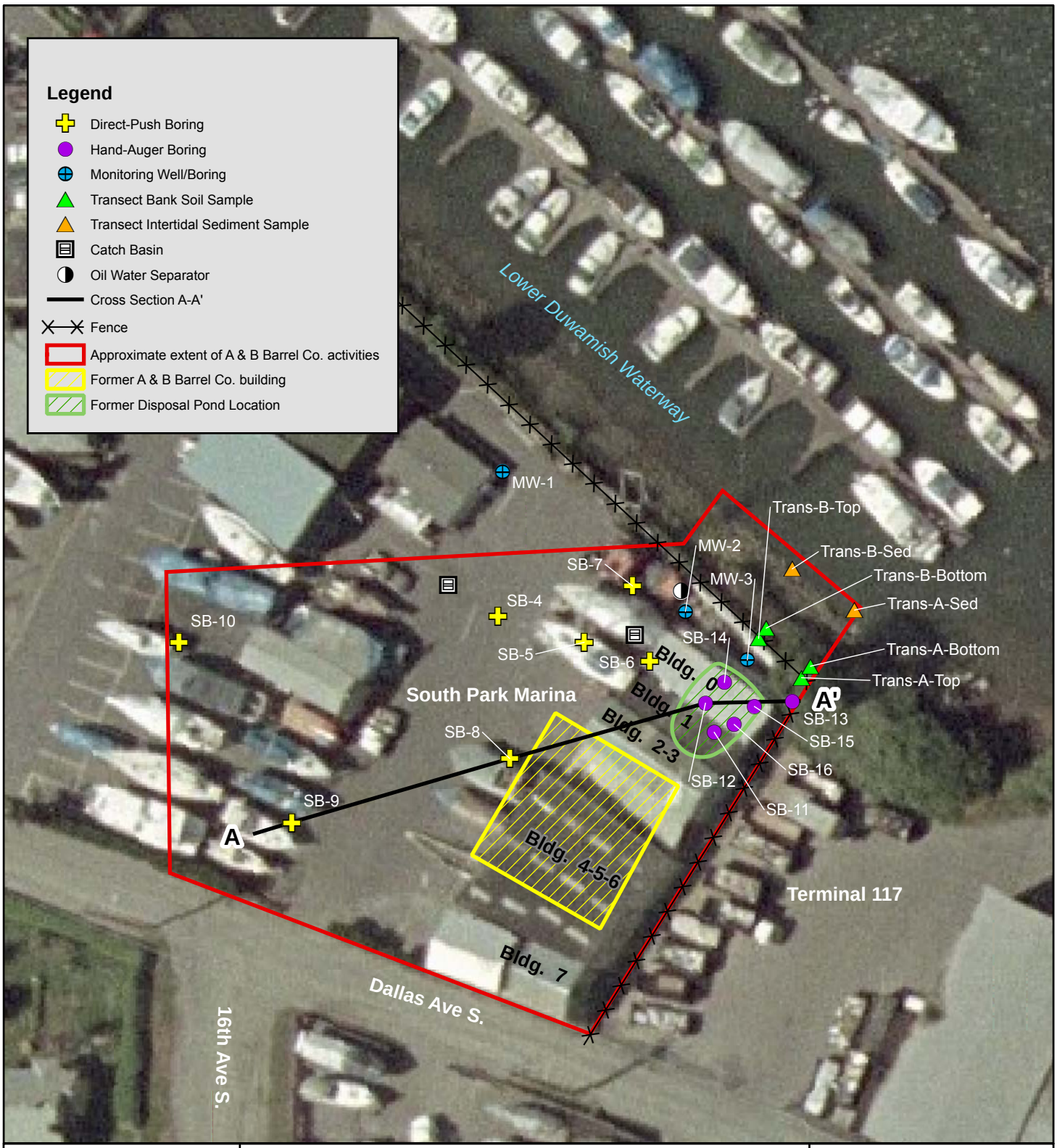


FIGURE 2

South Park Marina Site Map

DEPARTMENT OF ECOLOGY
State of Washington

SAIC
From Science to Solutions

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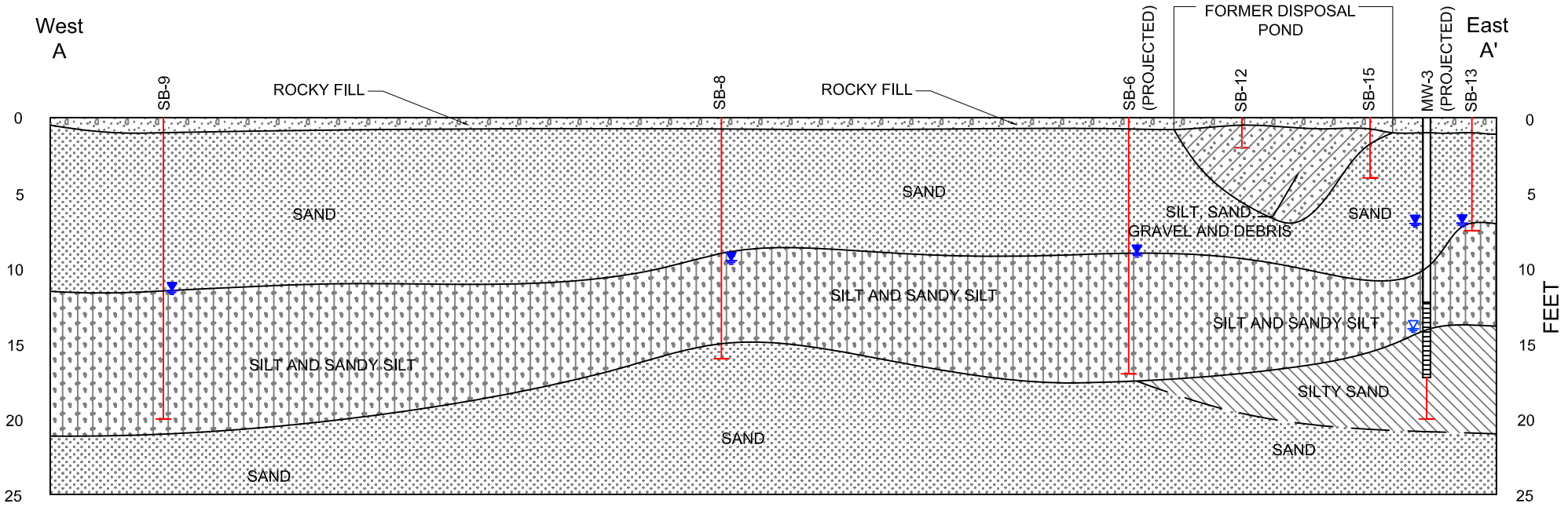

Legend

- ROCKY FILL
- SILT, SAND, GRAVEL AND DEBRIS
- Wells: Blank PVC Casing; Well Screen
- FINE TO MEDIUM SAND
- SILTY SAND
- Soil Boring
- SILT AND SANDY SILT
- WATER TABLE ELEVATION (AT HIGH TIDAL LEVELS) MEASURED BETWEEN SEPTEMBER 27, 2007 AND OCTOBER 1, 2007.
- WATER TABLE ELEVATION (AT LOW TIDAL LEVELS) MEASURED ON MARCH 12, 2008.

0 10 20 Feet

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 10'
Vertical ExagGeration 2X

Figure 3

Geologic Cross Section

South Park Marina

DEPARTMENT OF ECOLOGY
State of Washington

SAIC
From Science to Solutions

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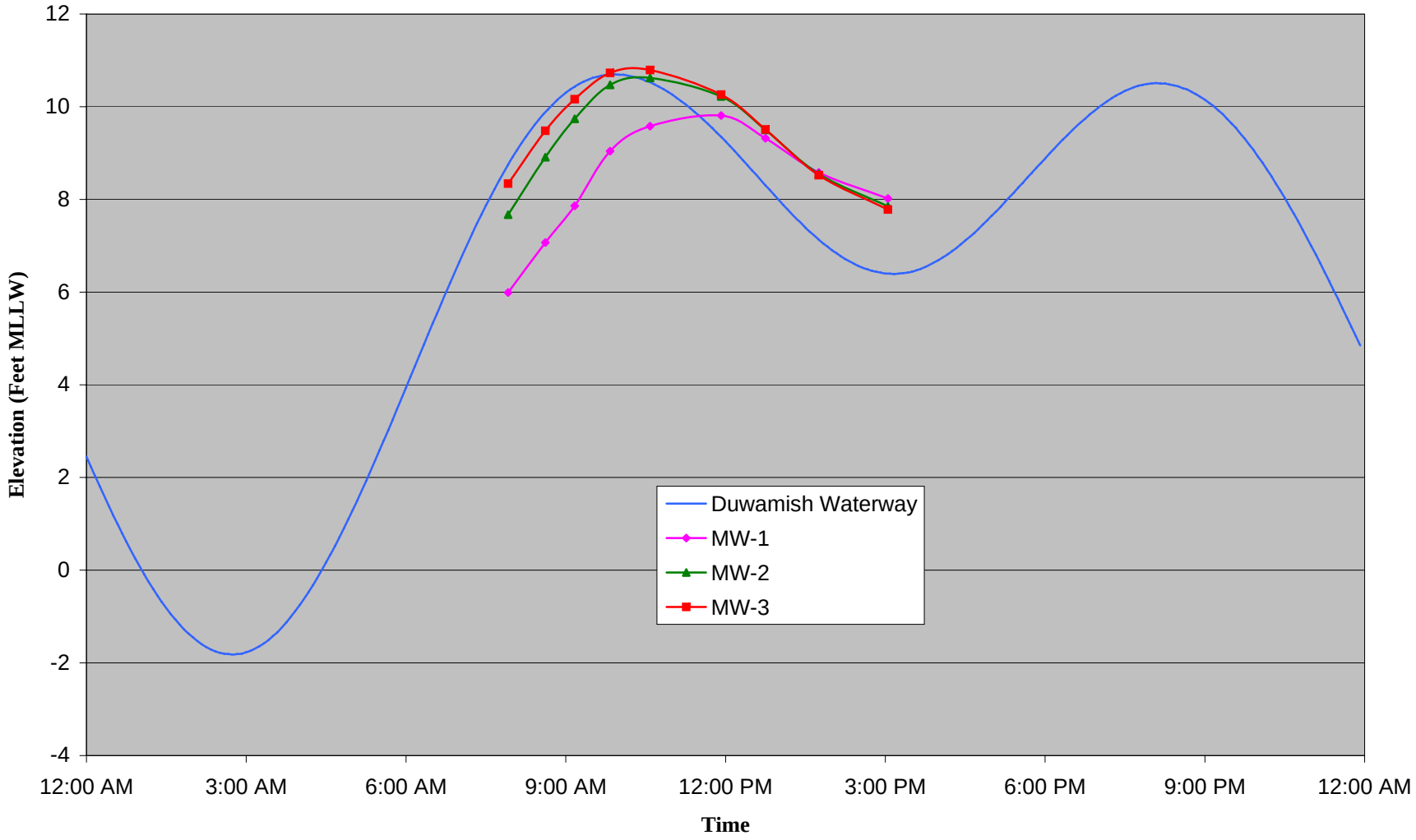
FIGURE 4

Hydrograph for the Duwamish Waterway and Monitoring Wells

October 1, 2007



Tables

TABLE 1

Sample Summary Information

Sample ID	Sample Date	Sample Time	Sample Depth	Matrix	Sample Collection Method	SVOCs	VOCs	NW-HCID	NWTPH-Gx	NWTPH-Dx	PCBs	Chlorinated Pesticides	Metals
SB-1-9	09/27/07	12:30	9-11 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-2-1	10/01/07	12:10	1.0-1.2 ft	Soil	Hand-Auger	X		X	O	O	X	X	X
SB-2-9	09/28/07	8:10	9-11 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-3-7	09/27/07	14:07	7-9 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-3-13.5	09/27/07	14:50	13.5-15.5 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-4-8	09/27/07	10:25	8-10 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-5-8	09/27/07	11:25	8-10 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-6-8	09/28/07	9:30	8-10 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-7-9	09/28/07	10:20	9-11 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-8-9	09/27/07	9:55	9-11 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-9-10	09/27/07	8:55	10-12 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-10-14	09/28/07	11:25	14-16 ft	Soil	Direct-Push	X		X	O	O	X	X	X
SB-11-2.5	09/28/07	12:50	2.4-2.6 ft	Soil	Hand-Auger	X	X	X	O	O	X	X	X
SB-12-1.5	09/28/07	15:00	1.3-1.5 ft	Soil	Hand-Auger	X	X	X	O	O	X	X	X
SB-13-1	10/01/07	8:50	1.0-1.2 ft	Soil	Hand-Auger	X		X	O	O	X	X	X
SB-13-3.5	10/01/07	9:05	3.5-3.8 ft	Soil	Hand-Auger	X		X	O	O	X	X	X
SB-13-7	10/01/07	9:25	7.0-7.3 ft	Soil	Hand-Auger	X		X	O	O	X	X	X
SB-14-3	10/01/07	8:45	3.0-3.3 ft	Soil	Hand-Auger	X		X	O	O	X	X	X
SB-14-7.5	10/01/07	10:15	7.5-7.8 ft	Soil	Hand-Auger	X	X	X	O	O	X	X	X
SB-15-3.5	10/01/07	12:40	3.5-3.8 ft	Soil	Hand-Auger	X	X	X	O	O	X	X	X
SB-16-3.5	10/01/07	14:20	3.5-3.8 ft	Soil	Hand-Auger	X	X	X	O	O	X	X	X
Trans-A-Top	10/08/07	12:00	0-4 inch	Bank Soil	Trowel/Scoop	X		X	O	O	X	X	X
Trans-A-Bot	10/08/07	10:30	0-4 inch	Bank Soil	Trowel/Scoop	X		X	O	O	X	X	X
Trans-A-Sed	03/12/08	15:30	0-4 inch	Bank Sed	Trowel/Scoop	X		X	O	O	X	X	X
Trans-B-Top	10/08/07	12:30	0-4 inch	Bank Soil	Trowel/Scoop	X		X	O	O	X	X	X
Trans-B-Bot	10/08/07	10:45	0-4 inch	Bank Soil	Trowel/Scoop	X		X	O	O	X	X	X
Trans-B-Sed	03/12/08	16:00	0-4 inch	Bank Sed	Trowel/Scoop	X		X	O	O	X	X	X
MW-1-100907	10/09/07	12:05	--	Water	Peristaltic Pump	X	X	X	O	O	X	X	X
MW-2-100907	10/09/07	10:10	--	Water	Peristaltic Pump	X	X	X	O	O	X	X	X
MW-3-100807	10/08/07	10:30	--	Water	Peristaltic Pump	X	X	X	O	O	X	X	X
MW-3-FD-100807	10/08/07	11:10	--	Water	Peristaltic Pump	X	X	X	O	O	X	X	X
TB-1	10/08/07	8:00	--	Water	(Trip Blank)		X						
ER-1	10/01/07	14:03	--	Water	(Equip Rinse)						X		
ER-2	10/09/07	12:15	--	Water	(Equip Rinse)						X		
MW-1-031208	03/12/08	16:00	--	Water	Peristaltic Pump		X					X	X
MW-2-031208	03/12/08	16:30	--	Water	Peristaltic Pump		X					X	X
MW-3-031208	03/12/08	15:30	--	Water	Peristaltic Pump		X					X	X
TB-2	03/12/08	14:00	--	Water	(Trip Blank)		X						

X: Sample was analyzed for constituent

O: Sample was analyzed for constituent only if pertinent hydrocarbon range was detected by HCID analysis

SVOCs: Semi-Volatile Organic Compounds by EPA Method 8270

VOCs: Volatile Organic Compounds by EPA Method 8260

NWTPH-Gx: Total Petroleum Hydrocarbons as Gasoline-Range by Ecology Method NWTPH-Gx

NWTPH-Dx: Total Petroleum Hydrocarbons as Diesel-Range by Ecology Method NWTPH-Dx

NW-HCID: Hydrocarbon Identification by Ecology Method NW-HCID

Chlorinated Pesticides by EPA Method 8081A

PCBs: Polychlorinated Biphenyls by EPA Method 8082

Total Metals: As, Cd, Cr, Cu, Pb, Ag, Zn by EPA Method 6020; Hg by EPA Method 7470

Note: Groundwater samples analyzed for metals in October were submitted as both field-filtered and unfiltered; groundwater samples analyzed for metals in March were submitted as only unfiltered.

TABLE 2

Water Level Measurements and Well Elevations

	MW-1			MW-2			MW-3		
Date	Time	DTW (ft TOC)	GWE (ft MLLW)	Time	DTW (ft TOC)	GWE (ft MLLW)	Time	DTW (ft TOC)	GWE (ft MLLW)
10/01/07	7:55	11.82	5.99	7:55	9.55	7.67	7:55	8.95	8.34
10/01/07	8:37	10.74	7.07	8:37	8.31	8.91	8:37	7.81	9.48
10/01/07	9:10	9.95	7.86	9:10	7.48	9.74	9:10	7.13	10.16
10/01/07	9:50	8.77	9.04	9:50	6.75	10.47	9:50	6.56	10.73
10/01/07	10:35	8.23	9.58	10:35	6.60	10.62	10:35	6.50	10.79
10/01/07	11:55	8.00	9.81	11:55	7.00	10.22	11:55	7.03	10.26
10/01/07	12:45	8.49	9.32	12:45	7.72	9.50	12:45	7.78	9.51
10/01/07	13:45	9.23	8.58	13:45	8.67	8.55	13:45	8.77	8.52
10/01/07	15:03	9.79	8.02	15:03	9.37	7.85	15:03	9.51	7.78
10/09/07	11:20	12.38	5.43	9:28	11.96	5.26	9:03	13.30	3.99
03/12/08	14:30	13.32	4.49	14:30	13.75	3.47	14:30	14.26	3.03

Well ID	TOC Elevation (ft MSL)	TOC Elevation (ft MLLW)
MW-1	15.43	17.81
MW-2	14.84	17.22
MW-3	14.91	17.29

TOC = Top of casing (surveyed PVC well casing)
DTW = Depth to water below TOC
GWE = Groundwater elevation
MSL = Mean Sea Level
MLLW = Mean Lower Low Water

TABLE 3
Soil Sample Results Summary

Group	Parameter	Soil Samples Outside Disposal Pond Area															Soil Samples Inside Disposal Pond Area						MTCA Soil Cleanup Levels		Sediment Protection Screening Levels (for soil)
		SB-1-9	SB-2-1	SB-2-9	SB-3-7	SB-3-13.5	SB-4-8	SB-5-8	SB-6-8	SB-7-9	SB-8-9	SB-9-10	SB-10-14	SB-13-1	SB-13-3.5	SB-13-7	SB-11-2.5	SB-12-1.5	SB-14-3	SB-14-7.5	SB-15-3.5	SB-16-3.5	Method A (unrestricted land use)	Method B	
Metals	Arsenic	1.5	1.5	2.2	1.0	1.7	4.2	8.7	1.9	1.4	2.1	2.0	1.8	1.7	1.3	1.2	6.7	7.2	2.3	1.6	4.5	9.4	20	0.67	590
	Cadmium	0.037	0.087	0.063	0.281	0.029	0.097	0.084	0.021	0.025	0.061	0.029	0.141	0.118	0.135	0.577	**31.4**	**14.6**	0.501	0.159	**4.97**	**23.5**	2	80	1.7
	Chromium	7.98	9.00	9.47	23.1	8.40	11.8	13.4	7.51	6.37	10.6	7.66	8.6	6.08	6.04	21.5	**465**	212	24.2	22.1	192	**415**	19	240	270
	Copper	9.74	8.90	**56.0**	10.8	7.58	19.9	21.7	7.19	7.38	13.9	10.6	10.8	8.71	8.02	5.43	**198**	**111**	9.72	9.88	**69.6**	**132**		3000	39
	Lead	1.29 J	4.53	13.7 J	31.8 J	2.23 J	3.32 J	4.39 J	1.49 J	2.13 J	2.09 J	1.46 J	16.3 J	2.05	1.18	33.9	**3100 J**	**1000 J**	**198**	18.2	**1030**	**3180**	250		67
	Mercury	0.007	0.011	0.009	0.015	0.01	**0.048**	**0.064**	0.004	0.005	0.028	0.008	0.007	0.013	0.006	0.021	**29.5**	**3.96**	**0.327**	**0.274**	**5.81**	**25.2**	2	24	0.03
	Silver	0.06	0.052	0.066	0.07	0.055	0.108	0.145	0.055	0.049	0.091	0.064	0.116	0.056	0.038	0.057	0.299	0.191	0.064	0.058	0.136	0.230		400	0.61
	Zinc	19.1	20.3	29.3	33.0	15.0	26.3	28.9	15.4	14.8	22.6	17.6	28.7	**42.1**	30.6	**122**	**1480**	**649**	**118**	26.4	**515**	**1510**		24000	38
PCBs	PCB-aroclor 1248	0.0099 U	0.0099 U	0.01 U	0.0099 U	0.0099 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.01 U	0.0099 U	0.0099 U	0.0099 U	0.01 U	1 U	1 U	0.099 U	0.1 U	0.099 U	1 U	1 U		0.5	0.065
	PCB-aroclor 1254	0.0099 U	0.0099 U	0.01 U	**0.092**	0.039	0.01 U	0.0099 U	0.023	0.0059 J	0.01 U	0.0099 U	0.022	0.0099 U	0.01 U	**13**	**29**	**4.9**	**5.5**	**7.0**	**12**	**36**		1.6	0.065
	PCB-aroclor 1260	0.0099 U	0.0099 U	0.021	**0.088**	0.0099 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.01 U	0.0099 U	0.024	0.0084	0.01 U	1 U	1.0 U	0.099 U	**5.1**	**4.9**	1 U	1 U		--	0.065
	Total PCBs	U	U	0.021	**0.180**	0.039	U	U	0.023	0.0059	U	U	0.046	0.0084	U	**13**	**29**	**4.9**	**10.6**	**11.9**	**12**	**36**	1	0.5	0.065
Pesticides	2,4'-DDD	0.00099 U	0.00099 U	0.0023 J	0.0019 U	0.00099 U	0.001 U	0.00099 U	0.001 U	0.001 U	0.001 U	0.00099 U	0.00099 U	0.00099 U	0.001 U	0.28 U	0.61 U	0.093 U	0.5 U	0.098 U	0.28 U	0.67 U		4.2	
	2,4'-DDT	0.00099 U	0.00051	0.0012 J	0.00099 U	0.00099 U	0.001 U	0.00099 U	0.0011	0.0017	0.001 U	0.00099 U	0.0019	0.00073 J	0.001 U	1.3	3.4 J	0.37	0.77	0.9	1.3	3.6 J	3	2.9	
	4,4'-DDD	0.00099 U	0.00099 U	0.0013	0.00035 J	0.00099 U	0.00022	0.00099 U	0.001 U	0.00026	0.001 U	0.00099 U	0.00099 U	0.00099 U	0.001 U	0.1 U	0.8	0.051	0.58	0.13	0.2	0.53		4.2	
	4,4'-DDE	0.00099 U	0.00099 U	0.00045	0.0029 J	0.00099 U	0.001 U	0.00099 U	0.0016	0.0021	0.00049	0.00099 U	0.00099 U	0.00099 U	0.001 U	0.1 U	0.26 U	0.02 U	0.37 J	0.39 J	0.18 U	0.3 U		2.9	
	4,4'-DDT	0.00099 U	0.00087 J	0.0018	0.01	0.00099 U	0.001 U	0.00099 U	0.0018	0.0033	0.001 U	0.00099 U	0.0036	0.0013 J	0.001 U	1.6 J	3.2 U	0.6	1.1 J	1.2 J	1.5 J	4 J	3	2.9	
	Aldrin	0.00099 U	0.00099 U	0.001 U	0.0061	0.00099 U	0.001 U	0.00099 U	0.001 U	0.002	0.001 U	0.00099 U	0.00099 U	0.00099 U	0.001 U	0.1 U	3.5	0.019 U	0.24	9.4	0.76	1.9		0.059	
	Dieldrin	0.00099 U	0.00099 U	0.00058 J	0.027	0.00099 U	0.001 U	0.00099 U	0.001 U	0.0017	0.001 U	0.00099 U	0.0017 U	0.0021	0.001 U	0.12 U	0.14 U	0.035 U	0.92	0.071 U	0.1 U	0.1 U		0.063	
	Heptachlor	0.00099 U	0.00099 U	0.001 U	0.00099 U	0.00099 U	0.001 U	0.00056	0.001 U	0.001 U	0.001 U	0.00099 U	0.00099 U	0.00099 U	0.001 U	0.1 U	0.1 U	0.019 U	0.01 U	0.0099 U	0.1 U	0.1 U		0.22	
SVOCs	Acenaphthene	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	**0.25**	0.099 U	0.48 U	**0.51**	0.99 U	0.92 U		4800	0.06
	Anthracene	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.33	0.065	0.48 U	1.2	0.99 U	0.92 U		24000	1.2
	Benzo(a)anthracene	0.01 U	0.009 U	0.0052	0.01 U	0.0099 U	0.0063	0.0048	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0022	0.0093 U	0.0098 U	0.19 U	0.24	0.074	0.48 U	1 U	0.99 U	0.22			0.27
	Benzo(a)pyrene	0.01 U	0.009 U	0.006	0.01 U	0.0099 U	0.0075	0.0061	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0044	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	1 U	0.99 U	0.92 U	0.1	0.14	0.21
	Benzo(b)fluoranthene	0.01 U	0.009 U	0.010	0.01 U	0.0099 U	0.0079	0.0072	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0084	0.0093 U	0.0098 U	0.19 U	0.25 U	0.13	0.48 U	1 U	0.99 U	0.92 U			0.45
	Benzo(k)fluoranthene	0.01 U	0.009 U	0.0036	0.01 U	0.0099 U	0.0023	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0019	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	1 U	0.99 U	0.92 U			0.45
	Benzo(ghi)perylene	0.01 U	0.009 U	0.0064	0.01 U	0.0099 U	0.0065	0.0058	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0058	0.0093 U	0.0098 U	0.19 U	0.25 U	**0.13**	0.48 U	1 U	0.99 U	0.92 U			0.078
	Benzoic Acid	0.2 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	3.8 U	4.9 U	2.0 U	9.6 U	20 U	20 U	19 U		320000	0.68
	Benzyl Alcohol	0.02 U	0.018 U	0.0077	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0041	0.02 U	0.02 U	0.019 U	0.02 U	0.38 U	0.49 U	0.2 U	0.96 U	2 U	2 U	1.9 U		24000	0.07
	Bis(2-Ethylhexyl) Phthalate	0.0095 U	0.09 U	0.035 U	0.014 U	0.012 U	0.1 U	0.1 U	0.018 U	0.099 U	0.012 U	0.011 U	0.021 U	0.093 U	0.098 U	1.9 U	3.7 U	1.1 U	4.8 U	**2.0**	**2.8**	**7.0**		71	0.078
	Butylbenzylphthalate	0.01 U	0.009 U	0.0052	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	**2.2**	0.099 U	0.48 U	1 U	0.99 U	0.92 U		16000	0.066
	Chrysene	0.01 U	0.009 U	0.0071	0.01 U	0.0099 U	0.0071	0.0064	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0063	0.0093 U	0.0098 U	0.19 U	**0.49**	0.17	0.48 U	**0.53**	0.99 U	0.39			0.46
	Dibenzo(a,h)anthracene	0.01 U	0.009 U	0.0022	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	1 U	0.99 U	0.92 U			0.033
	Dibenzofuran	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	**0.6**	0.99 U	0.92 U		160	0.059
	1,2-Dichlorobenzene	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	**0.11**	0.099 U	0.48 U	1 U	0.99 U	0.92 U		7200	0.0038
	Dimethylphthalate	0.01 U	0.009 U	0.026	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0067	0.0093 U	0.0098 U	0.19 U	0.25 U	**0.23**	0.48 U	1 U	0.99 U	0.92 U		80000	0.094
	Di-N-Butylphthalate	0.011 U	0.018 U	0.017 U	0.016 U	0.019 U	0.019 U	0.02 U	0.011 U	0.0095 U	0.012 U	0.02 U	0.11 U	0.019 U	0.02 U	0.38 U	0.8 U	0.42 U	0.96 U	2 U	1.3	1.1			2
	Di-N-Octyl Phthalate	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	1 U	0.99 U	0.92 U		1600	4.5
	Fluoranthene	0.01 U	0.009 U	0.0091	0.0046	0.003	0.013	0.011	0.0098 U	0.0099 U	0.0024	0.0021	0.003	0.0093 U	0.0098 U	0.19 U	0.46	0.12	0.48 U	0.88	0.3	0.5		3200	1.2
	Fluorene	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.25 U	0.064	0.48 U	**1.0**	**0.39**	**0.67**		3200	0.081
	Indeno(1,2,3-cd)pyrene	0.01 U	0.009 U	0.006	0.01 U	0.0099 U	0.0061	0.0066	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.0057	0.0093 U	0.0098 U	0.19 U	0.25 U	**0.10**	0.48 U	1 U	0.99 U	0.92 U			0.088
	2-Methylnaphthalene	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	**2.0**	**0.26**	0.48 U	**4.5**	**1.1**	**3.0**	5	320	0.073
	2-Methylphenol	0.01 U	0.01 U	0.25 U	0.099 U	0.0093 U	0.0098 U	0.19 U	0.48 U	1 U	0.99 U	0.92 U	0.009 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0099 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U		4000	0.0052
	4-Methylphenol	0.01 U	0.009 U	0.01 U	0.01 U	0.0099 U	0.0022	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	0.25 U	0.099 U	0.48 U	1 U	0.99 U	0.92 U		--	0.056
	Naphthalene	0.01 U	0.009 U	0.01 U	0.0037	0.0099 U	0.01 U	0.01 U	0.0098 U	0.0099 U	0.0099 U	0.0098 U	0.01 U	0.0093 U	0.0098 U	0.19 U	**1.9**	**0.36**	0.48 U	**0.51**	**0.36**	**1.7**	5	1600	0.2
	Pentachlorophenol	0.1 U	0.09 U	**0.041**	0.028	0.099 U	0.1 U	0.1 U	0.098 U	0.099 U	0.099 U	0.098 U	**0.079**	0.093 U	0.098 U	1.9 U	**2.3**	**2.8**	4.8 U	10 U	9.9 U	9.2 U		8.3	0.037
	Phenanthrene	0.01 U	0.009 U	0.0029	0.0081	0.0038	0.0062	0.0054	0.0025	0.0099 U	0.0031	0.0024	0.0024	0.0093 U	0.0098 U	0.19 U	**1.3**	0.16	0.48 U	**2.4**	**0.98**	**1.4**		--	0.49
	Phenol	0.031 U	0.03 U	0.02 U	0.026 U	0.031 U	0.035 U	0.045 U	0.021 U	0.016 U	0.024 U	0.021 U	0.014 U	0.03 U	0.032 U	0.57 U	0.74 U	0.083 U	1.5 U	3 U	3 U	2.8 U		48000	0.12
	Pyrene	0.01 U	0.009 U	0.0083	0.0051	0.0033	0.017	0.014	0.0098 U	0.0099 U	0.0025	0.0026	0.0043	0.0093 U	0.0098 U	0.19 U	0.82	0.17	0.48 U	0.99	0.5	0.81		2400	1.4
	Total cPAHs	U	U	0.0088	U	U	0.0098	0.0080	U	U	U	U	0.0063	U	U	U	0.029	0.032	U	0.005	U	0.026	0.1*	0.14*	
TPH	Gasoline Range Organics															1.6 U	2000 U^	100 U^		350 J	150 J	200^	30		
	Diesel Range Organics							23	3.7					1.8 U		950 J	9600 J	1300 J	2100 J	3000 J	4100 J	12000 J	2000		
	Residual Range Organics							220 J	21					6.5 U		4700 J	26000 J	3700 J	8200 J	8900 J	10000 J	27000 J	2000		
VOCs	Acetone																0.93 U	0.048		0.014 U	0.044 J	0.58 UJ		8000	
	Benzene																0.072	0.0041 U		0.0063 U	0.0075 U	0.078	0.03	18	
	2-Butanone																0.71	0.012		0.025 U	0.0061 J	0.62		48000	
	n-Butylbenzene																0.96	0.017 U		0.025 U	0.03 U	2.0		--	
	Sec-Butylbenzene																0.54	0.017 U		0.025 U	0.03 U	1.2		--	
	Carbon Disulfide																0.071 U	0.00012		0.0063 U	0.00067 J	0.068 U		8000	
	Chlorobenzene																0.071 U	0.0041 U		0.0063 U	0.0075 U	0.046		1600	
	1,2-Dichlorobenzene																**0.24**	0.0041 U		0.0063 U	0.0075 U	**0.31**		7200	0.0038
	1,4-Dichlorobenzene																**0.038**	0.0041 U		0.0063 U	0.0075 U	**0.038**		42	0.015
	1,1-Dichloroethane																0.071 U	0.00031		0.0063 U	0.0075 U	0.068 U		8000	
	Cis-1,2-Dichloroethene																8.9	0.0078		0.0063 U	0.00054 J	11		800	
	Trans-1,2-Dichloroethene																0.21	0.0041 U		0.0063 U	0.0075 U	0.098		1600	
	Ethylbenzene																4.1	0.00023		0.0063 U	0.0078 J	9.3	6	8000	
	Isopropylbenzene (Cumene)																0.56	0.017 U		0.025 U	0.01 J	1.7		8000	
	p-Isopropyltoluene																1.2	0.017 U		0.025 U	0.039 J	2.6		--	
	4-Methyl-2-Pentanone																1.4	0.0028		0.025 U	0.03 U	0.66 J		6400	
	Methylene Chloride																0.034	0.00044 U		0.001 U	0.00097 UJ	0.27 U	0.02	130	
	Naphthalene																2.5	0.017 U		0.025 U	0.012 J	2.4	5	1600	
	n-Propylbenzene																0.67	0.017 U		0.025 U	0.03 U	1.8		--	
	Styrene																0.037	0.0041 U		0.0063 U	0.0075 U	0.068 U		33	
	Tert-Butylbenzene																0.042	0.017 U		0.025 U	0.03 U	0.087		--	
	Tetrachloroethene																0.16	0.0015		0.002	0.00073 J	0.17	0.05	1.9	
	Toluene																4.1	0.0017		0.00089 J	0.0023 J	7.2	7	6400	
	Trichloroethene																0.17	0.0005		0.0063 U	0.0075 U	0.15	0.03	2.5	
	1,2,4-Trimethylbenzene																10	0.00023		0.025 U	0.03 U	17		4000	
	1,3,5-Trimethylbenzene																3.3	0.017 U		0.025 U	0.058 J	6.6		4000	
	Vinyl Chloride																0.09	0.0014		0.0063 U	0.0027 J	0.87		0.67	
	m,p-Xylene																21	0.0013		0.0063 U	0.0046 J	44	9	16000	
	o-Xylene																14	0.00049		0.0063 U	0.0013 J	24	9	16000	

All results in mg/kg.
Table includes all parameters detected in soil during this study.
Blank cells indicate parameter not analyzed: For TPH, this was because HCID did not detect petroleum hydrocarbons. For VOCs, this was because field screening did not suggest presence of VOCs.
Gray shaded cells are data that exceed MTCA Method A or Method B soil cleanup levels.

Bold text are data that exceed Sediment Protection screening levels.
Bold text in gray shaded cells are data that exceed both Screening levels and MTCA Method A or Method B cleanup levels.
U = Parameter not detected at the stated reporting level
J = Estimated concentration ^ = HCID gasoline-range concentration

For MTCA Method B, the lower of the two values for carcinogenic and non-carcinogenic risk was used.
* For carcinogenic PAHs, value applies to benzo(a)pyrene; total cPAHs must meet this value using toxicity equivalency method.
Sediment protection screening levels shown were developed for LDW Slip 4 site and were based on SMS CSL values and assume saturated soil conditions.

TABLE 4
Soil/Sediment Sample Results Exceedance Summary

Group	Parameter	Maximum Exceedances of Screening Levels				Soil Screening			Sediment Screening	
						MTCA Soil Cleanup Levels		Sediment Protection Screening Levels (for soil)	SMS	
		Soil Samples Outside Disposal Pond Area	Soil Samples Inside Disposal Pond Area	River Bank Soil Samples	Intertidal Sediment Samples	Method A (unrestricted land use)	Method B		SQS	CSL
Metals	Arsenic	**B: 13x**	**B: 14x**	**B: 16x**		20	0.67	590	57	93
	Cadmium		**A: 16x** **S: 18x**			2	80	1.7	5.1	6.7
	Chromium	A: 1.2x	**A: 24x** B: 1.9x S: 1.7x	A: 1.2x		19	240	270	260	270
	Copper	S: 1.4x	S: 5.1x	**S: 26x**			3000	39	390	390
	Lead		**A: 13x** **S: 47x**	S: 1.8x		250		67	450	530
	Mercury	S: 2.1x	A: 15x B: 1.2x **S: 983x**	S: 6.9x		2	24	0.03	0.41	0.59
	Zinc	S: 3.2x	**S: 40x**	**S: 14x**			24000	38	410	960
PCBs	PCB-aroclor 1254	B: 8.1x **S: 200x**	**B: 23x** **S: 554x**				1.6	0.065		
	PCB-aroclor 1260	S: 1.4x	**S: 78x**	S: 4.9x			--	0.065		
	Total PCBs	**A: 13x** **B: 26x** **S: 200x**	**A: 36x** **B: 72x** **S: 554x**	S: 4.9x	SQS: 7.1x CSL: 1.3x	1	0.5	0.065	12	65
Pesticides	2,4'-DDT		A: 1.2x B: 1.2x			3	2.9			
	4,4'-DDT		A: 1.3x B: 1.4x			3	2.9			
	Aldrin		**B: 159x**				0.059			
	Dieldrin		**B: 15x**				0.063			
SVOCs	Acenaphthene		S: 8.5x				4800	0.06	16	57
	Benzo(b)fluoranthene			S: 1.1x				0.45	230	450
	Benzo(ghi)perylene		S: 1.7x	S: 3.7x				0.078	31	78
	Benzoic Acid			S: 1.1x			320000	0.68	0.650	0.650
	Benzyl Alcohol			**S: 13x**	SQS: 1.5x CSL: 1.2x		24000	0.07	0.057	0.073
	Bis(2-Ethylhexyl) Phthalate		**S: 90x**	**S: 29x**			71	0.078	47	78
	Butylbenzylphthalate		**S: 33x**	S: 6.2x			16000	0.066	4.9	64
	Chrysene		S: 1.2x					0.46	110	460
	Dibenzo(a,h)anthracene			S: 1.9x				0.033	12	33
	Dibenzofuran		**S: 10x**				160	0.059	15	58
	1,2-Dichlorobenzene		**S: 29x**				7200	0.0038	2.3	2.3
	Dimethylphthalate		S: 2.4x	**S: 39x**			80000	0.094	53	53
	Fluorene		**S: 12x**				3200	0.081	23	79
	Indeno(1,2,3-cd)pyrene		S: 1.1x	S: 3.8x				0.088	34	88
	2-Methylnaphthalene		**S: 62x**				320	0.073	38	64
	Naphthalene		S: 9.5x				1600	0.2	99	170
	Pentachlorophenol	S: 2.1x	**S: 76x**				8.3	0.037	0.360	0.690
	Phenanthrene		S: 4.9x					0.49	100	480
	Total cPAHs			A: 1.3x		0.1*	0.14*			
TPH	Gasoline Range Organics		**A: 12x**			30				
	Diesel Range Organics		A: 6.0x			2000				
	Residual Range Organics	A: 2.4x	**A: 14x**			2000				
VOCs	Benzene		A: 2.6x			0.03	18			
	1,2-Dichlorobenzene		**S: 82x**				7200	0.0038		
	1,4-Dichlorobenzene		S: 2.5x				42	0.015		
	Ethylbenzene		A: 1.6x			6	8000			
	Methylene Chloride		A: 1.7x			0.02	130			
	Tetrachloroethene		A: 3.4x			0.05	1.9			
	Toluene		A: 1.0x			7	6400			
	Trichloroethene		A: 5.7x			0.03	2.5			
	Vinyl Chloride		B: 1.3x				0.67			
	m,p,o-Xylenes		A: 7.6x			9	16000			

MTCA Soil Cleanup Levels, Sediment Protection screening levels, and SMS are all in mg/kg.
Table includes all parameters in soil/sediment that exceed cleanup/screening levels in at least one sample during this study.
A = Exceeds MTCA Method A Cleanup Levels for one or more samples
B = Exceeds MTCA Method B Cleanup Levels for one or more samples
S = Exceeds Sediment Protection screening levels for one or more samples
SMS = Sediment Management Standards (includes SQS and CSL)
SQS = Exceeds Marine Sediment Quality Standards for one or more samples
CSL = Exceeds Puget Sound Marine Cleanup Screening Levels for one or more samples
* For carcinogenic PAHs, value applies to benzo(a)pyrene; total cPAHs must meet this value using toxicity equivalency method.
Number indicates the largest exceedance factor (multiple) for each parameter across all samples in each area; factors of 10 or greater are shown in bold text.
For xylenes, the exceedance factor was calculated by dividing the sum of m, p, and o-xylene isomer concentrations by the MTCA Soil Cleanup Levels for Total Xylenes.

TABLE 5
River Bank Soil/Sediment Sample Results Summary

Group	Parameter	River Bank Soil Samples				MTCA Soil Cleanup Levels		Sediment Protection Screening Level (for soil)	Intertidal Sediment Samples		Intertidal Sediment: Organic Carbon Normalized Concentration†		Sediment Management Standards	
		Transect A Top	Transect A Bottom	Transect B Top	Transect B Bottom	Method A (unrestricted land use)	Method B		Transect A Sediment	Transect B Sediment	Transect A Sediment	Transect B Sediment	SQS	CSL
Metals	Arsenic	4.9	4.9	10.8	2.5	20	0.67	590	13 J	18.5 J			57	93
	Cadmium	0.442	0.216	1.08	0.218	2	80	1.7	0.201	0.311			5.1	6.7
	Chromium	16.4	16.2	22.2	20.8	19	240	270	25.5	28.7			260	270
	Copper	**74.6**	249	**1020**	**146**		3000	39	42.5 J	66.9 J			390	390
	Lead	39.7	55.9	**121**	25.2	250		67	50.0	37.7			450	530
	Mercury	**0.070**	**0.208**	**0.187**	0.023	2	24	0.03	0.303	0.154			0.41	0.59
	Silver	0.191	0.082	0.191	0.137		400	0.61	0.306	0.447			6.1	6.1
	Zinc	**250**	**109**	**528**	**83.4**		24000	38	83.8 J	104 J			410	960
PCBs	PCB-aroclor 1248	0.0073 U	0.0079 U	0.0079 U	0.0078 U		0.5	0.065	0.087 U	0.033		1.65		
	PCB-aroclor 1254	0.0073 U	0.0079 U	0.0079 U	0.0078 U		1.6	0.065	0.059 U	0.014 U				
	PCB-aroclor 1260	**0.073**	**0.17**	**0.32**	**0.13**		--	0.065	1.7	0.65	85	32.5		
	Total PCBs	**0.073**	**0.17**	**0.32**	**0.13**	1	0.5	0.065			**85**	**34.2**	12	65
Pesticides	2,4'-DDD	0.0018	0.0085 J	0.0073 U	0.0037		4.2		0.078 J	0.013				
	2,4'-DDT	0.0063 J	0.004 U	0.027 J	0.0021 U	3	2.9		0.049 U	0.0082 U				
	4,4'-DDD	0.0015 U	0.0038	0.006	0.00078 U		4.2		0.0016	0.0012				
	4,4'-DDE	0.0015 U	0.0009 J	0.00079 U	0.00078 U		2.9		0.0034 U	0.0014 U				
	4,4'-DDT	0.0053 U	0.027 J	0.095 J	0.017 J	3	2.9		0.16 U	0.051 U				
	Aldrin	0.0015 U	0.00079 U	0.00079 U	0.00078 U		0.059		0.046 J	0.0014 U				
	Dieldrin	0.0015 U	0.00079 U	0.0021 U	0.00078 U		0.063		0.0018 U	0.0015 U				
	Heptachlor	0.0015 U	0.00079 U	0.00079 U	0.00078 U		0.22		0.0012 U	0.0014 U				
SVOCs	Acenaphthene	0.19 U	0.0042 U	0.048 U	0.0098 U		4800	0.06	0.004	0.007	0.2	0.35	16	57
	Anthracene	0.19 U	0.011 U	0.035 U	0.003 U		24000	1.2	0.031	0.034	1.55	1.7	220	1200
	Benzo(a)anthracene	0.19 U	0.058	0.19 U	0.012 U			0.27	0.084	0.097	4.2	4.85	110	270
	Benzo(a)pyrene	0.19 U	0.076	0.25 U	0.016 U	0.1	0.14	0.21	0.093	0.10	4.65	5	99	210
	Benzo(b)fluoranthene	0.19 U	0.14	**0.51**	0.026 U			0.45	0.16	0.17	8	8.5	230	450
	Benzo(k)fluoranthene	0.19 U	0.05	0.16	0.009 U			0.45	0.054 J	0.061 J	2.7	3.05	total	total
	Benzo(ghi)perylene	0.19 U	**0.092**	**0.29**	0.02 U			0.078	0.063	0.081	3.15	4.05	31	78
	Benzoic Acid	3.8 U	0.17	**0.72**	0.2 U		320000	0.68	0.24 U	0.28 U			0.650	0.650
	Benzyl Alcohol	0.38 U	0.048	**0.94**	0.011		24000	0.07	0.03 U	**0.087**			0.057	0.073
	Bis(2-Ethylhexyl) Phthalate	0.31 U	**0.33**	**2.3**	0.076 U		71	0.078	0.12	0.20	6	10	47	78
	Butylbenzylphthalate	**0.26**	**0.14**	**0.41**	0.018		16000	0.066	0.036	0.049	1.8	2.45	4.9	64
	Chrysene	0.19 U	0.12	0.42 U	0.024 U			0.46	0.16	0.19	8	9.5	110	460
	Dibenzo(a,h)anthracene	0.19 U	0.015	**0.064**	0.0042			0.033	0.015	0.02	0.75	1	12	33
	Dibenzofuran	0.19 U	0.0037	0.0083	0.0098 U		160	0.059	0.0049	0.0044	0.245	0.22	15	58
	1,2-Dichlorobenzene	0.19 U	0.0095 U	0.048 U	0.0098 U		7200	0.0038	0.012 U	0.014 U			2.3	2.3
	Dimethylphthalate	**0.74**	**0.62**	**3.7**	0.08		80000	0.094	0.048	0.16	2.4	8	53	53
	Di-N-Butylphthalate	0.38 U	0.17	0.43 U	0.028 U			2	0.021	0.039	1.05	1.95	220	1700
	Di-N-Octyl Phthalate	0.19 U	0.0095 U	0.048 U	0.0067		1600	4.5	0.012 U	0.014 U			58	4500
	Fluoranthene	0.19 U	0.17	0.36 U	0.03 U		3200	1.2	0.18	0.23	9	11.5	160	1200
	Fluorene	0.19 U	0.0046	0.012	0.0098 U		3200	0.081	0.0068	0.011	0.34	0.55	23	79
	Indeno(1,2,3-cd)pyrene	0.19 U	**0.098**	**0.33**	0.017 U			0.088	0.07	0.094	3.5	4.7	34	88
	2-Methylnaphthalene	0.19 U	0.0044 U	0.014 U	0.0098 U	5	320	0.073	0.0092	0.0047	0.46	0.235	38	64
	2-Methylphenol	0.19 U	0.0095 U	0.048 U	0.0098 U		4000	0.0052	0.0023	0.014 U			0.063	0.063
	4-Methylphenol	0.19 U	0.0084	0.048 U	0.0098 U		--	0.056	0.007	0.0071			0.670	0.670
	Naphthalene	0.19 U	0.0058 U	0.017 U	0.0098 U	5	1600	0.2	0.011	0.006	0.55	0.3	99	170
	Pentachlorophenol	1.9 U	0.095 U	0.48 U	0.098 U		8.3	0.037	0.12 U	0.14 U			0.360	0.690
	Phenanthrene	0.19 U	0.077 U	0.13 U	0.011 U		--	0.49	0.063	0.12	3.15	6	100	480
	Phenol	0.56 U	0.055 U	0.25 U	0.028 U		48000	0.12	0.018	0.016			0.420	1.2
	Pyrene	0.19 U	0.17 U	0.38 U	0.03 U		2400	1.4	0.15	0.2	7.5	10	1000	1400
	Total cPAHs	U	0.118	0.126	0.0017	0.1*	0.14*							
TPH	Gasoline Range Organics			5.1 U		30			20 U	20 U				
	Diesel Range Organics	1300 J	26	160 J		2000			87 J	98 J				
	Residual Range Organics	360 J	240 J	620 J		2000			490 J	570 J				

Table includes all parameters detected in soil/sediment during this study.
Blank cells indicate parameter not analyzed: For TPH, this was because HCID did not detect petroleum hydrocarbons.
VOCs were not analyzed because field screening did not suggest presence of VOCs.
Gray shaded cells are data that exceed MTCA Method A or Method B soil cleanup levels.
Bold text are data that exceed Sediment Protection screening levels or SMS (SQS or CSL) values.
Bold text in gray shaded cells are data that exceed both Screening levels and MTCA Method A or Method B cleanup levels.
All results in mg/kg dry weight, except those that have organic carbon normalized.

U = Parameter not detected at the stated reporting level
J = Estimated concentration
For MTCA Method B, the lower of the two values for carcinogenic and non-carcinogenic risk was used.
Sediment Protection screening levels shown were developed for LDW Slip 4 site (SAIC 2006)
† = Assumes total organic carbon in sediment is equal to 2% (SAIC 2006)
* For carcinogenic PAHs, value applies to benzo(a)pyrene; total cPAHs must meet this value using toxicity equivalency method.

TABLE 6

Groundwater Sample Results Summary

Group	Parameter	MW-1		MW-2		MW-3			Maximum Exceedances of Screening Levels	MTCA Groundwater Cleanup Levels		Sediment Protection Screening Levels (for GW)
		Round 1	Round 2	Round 1	Round 2	Round 1	Round 1 (FD)	Round 2		Method A	Method B	
Metals, total	Arsenic	4.68	2.91	8.07	1.56	3.13	2.79	1.59	A: 1.6x **B: 139x**	5	0.058	370
	Cadmium	0.022	0.013	0.091	0.015	0.040	0.033	0.017		5	8	3.4
	Chromium	2.03	27.3	40.4	15.7	1.52	1.31	19.4		50	48	320
	Copper	2.83	6.63	9.70	5.81	5.23	5.81	9.83			590	120
	Lead	0.070	0.128	0.046	0.189	0.191	0.192	0.519		15		13
	Silver	0.02 U	0.012 U	0.005	0.005 U	0.01 U	0.02 U	0.011 U			80	1.5
	Zinc	4.7	2.93	4.9	3.5	4.5	5.2	3.84			4800	76
Pesticides	2,4'-DDT	0.011 U	0.0005 U	0.011 U	0.00049 U	0.0010	0.0013	0.0005 U		0.3	0.26	
	4,4'-DDT	0.011 U	0.0005 U	0.0022 U	0.00082	0.01 U	0.011 U	0.0014		0.3	0.26	
	Aldrin	0.011 U	0.0005 U	0.011 U	0.00049 U	0.0012	0.0015	0.0012 J			0.0026	
	Dieldrin	0.011 U	0.0005 U	0.0015	0.00071	0.021 J	0.063 J	0.041	**B: 11x**		0.0055	
SVOCs	Pyrene	0.21 U	na	0.21 U	na	0.21 U	0.021	na			480	20
VOCs	Chloromethane	0.5 U	0.82	0.5 U	0.36	0.46	0.40	0.90			3.4	
	Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.20	0.16	0.18	0.18	B: 2.5x	5	0.081	
	Toluene	0.5 U	0.5 U	0.11	0.5 U	0.12	0.18	0.5 U		1000	640	
	1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.13	0.5 U		200	7200	

All results in ug/L
Table includes all parameters detected in groundwater during this study.
Gray shaded cells are data that exceed MTCA Method A or Method B cleanup levels.
No data exceeded the Sediment Protection Screening Levels
U = Parameter not detected at the stated reporting level
J = Estimated concentration
For MTCA Method B, the lower of the two values for carcinogenic and non-carcinogenic risk was used.
Sediment protection screening levels shown were developed for LDW Slip 4 site and were based on SMS CSL values.
A = Exceeds MTCA Method A Cleanup Levels for one or more samples
B = Exceeds MTCA Method B Cleanup Levels for one or more samples
S = Exceeds Sediment Protection Screening Levels for one or more samples
Number indicates the largest exceedance factor (multiple) for each parameter in all samples.
Exceedance factors of 10 or greater are shown in bold text.
Round 1 samples collected 10/8/07 & 10/9/07.
Round 2 samples collected 3/12/08.

Appendix A
Boring Logs

SAIC
From Science to Solutions
18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Monitoring Well: MW-1

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington
Logged By: S Bloom

Date Started: 9/26/2007
Date Completed: 9/27/2007
Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe

Total Boring Depth: 20 ft
Hole Diameter: 3 in.
Well Depth: 18 ft
TOC Elevation: 15.43 (msl) ft

Well Diameter: 0.75 in
Well Screen: 8-18 ft
Filter Pack: 2/12 & 20/40
Well Casing: Sch 40 PVC

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
						0	Asphalt surface	- Flush-mount well box Well cap
							Road base/rocks with fine to medium grained sand	
						1		
							(SP) Sand, fine to medium grained sand, very dark gray, damp, loose, no odor	- Cement seal
						2		
						3		
				SP		4		- Bentonite seal - Sch 40 PVC Riser
Damp	1.8					5	Well boring was hand cleared to 5 ft bgs	
Damp	1.5					6	(ML) Silt, trace of fine grained sand, dark brown, damp, soft, no odor	
Damp	2.0							
Damp	2.0					7	Grades to Sandy Silt at 9 feet - fine grained sand, dark brown, soft, no odor	
Damp	1.0			ML		8		
Damp	1.7		SB-1-9			9		
Saturated	1.8					10	(SP) Sand, medium to fine grained sand, very dark gray, saturated, loose, no odor	
Saturated	1.7					11		
Saturated	0.4					12		- 20/40 filter pre-pack & 2/12 around pre-pack
Saturated	1.5					13		- Pre-packed Sch 40 PVC 0.010-inch slotted screen
Saturated	1.4					14		
Saturated	1.3			SP		15		
						16		
						17		
Saturated	1.6					18		
Saturated	1.7					19		
Saturated	1.8					20	Bottom of borehole at 20.0 feet.	
						21		

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Monitoring Well: MW-2

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington
Logged By: S Bloom

Date Started: 9/26/2007
Date Completed: 9/28/2007
Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe

Total Boring Depth: 21 ft
Hole Diameter: 3 in.
Well Depth: 17 ft
TOC Elevation: 14.84 (msl) ft

Well Diameter: 0.75 in
Well Screen: 12-17 ft
Filter Pack: 2/12 & 20/40
Well Casing: Sch 40 PVC

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Road base/rocks with fine to medium grained sand
Damp	1.7					1	(SP) Sand, fine to medium grained, very dark gray, damp, no odor
Damp	2.7					2	
Damp	2.6					3	
Damp	2.4			SP		4	
Damp	3.3					5	Well boring hand cleared to 5 ft bgs
Damp	0.6					6	
Damp	0.9					7	(ML) Sandy Silt, fine grained sand, very dark gray to very dark brown, damp, very soft/loose, no odor
Saturated	0.9					8	Encountered water table at 8 ft bgs
			SB-2-9	ML		9	
Saturated	0.4					10	
Saturated	0.6			ML		11	(ML) Silt, very dark gray, soft, no odor, some pieces of organic material (roots/wood)
Saturated	0.5					12	(ML) Sandy Silt, very fine to fine grained sand, very dark brown to dark gray, loose/soft, no odor
Saturated	0.3					13	
Saturated	0.4			ML		14	
Saturated	0.2					15	
Saturated	0.5			SM		16	(SM) Silty Sand, fine to medium grained sand, very dark gray, no odor
						17	(ML) Sandy Silt, fine grained sand, very dark gray, no odor
Saturated	0.1			ML		18	
Saturated	0.0					19	
Saturated	0.1					20	
						21	Bottom of borehole at 21.0 feet.
						22	

WELL DIAGRAM

- Flush-mount well box
- Well cap
- Cement seal
- Bentonite seal
- Sch 40PVC Riser
- 20/40 filter pre-pack & 2/12 around pre-pack
- Pre-packed Sch 40 PVC 0.010-inch slotted screen

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Monitoring Well: MW-3

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington
Logged By: S Bloom

Date Started: 9/26/2007
Date Completed: 9/27/2007
Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe

Total Boring Depth: 20 ft
Hole Diameter: 3 in.
Well Depth: 17.25 ft
TOC Elevation: 14.91 (msl) ft

Well Diameter: 0.75 in
Well Screen: 12.25-17.25 ft
Filter Pack: 2/12/ & 20/40
Well Casing: Sch 40 PVC

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Road base/rocks with fine to medium grained sand
Dry	0.8					1	(SP) Sand, fine to medium grained, very dark gray, damp, loose, no odor
Damp	0.7					2	
Damp	0.9					3	
Damp	0.4					4	Grades to medium grained sand
Damp	0.5			SP		5	Well Boring hand cleared to 5 ft bgs
						6	
Saturated	2.0					7	Encountered water table at 6.5 ft bgs
Saturated	1.9		SB-3-7			8	
Saturated	1.6					9	
Saturated	2.1					10	
Wet	1.7			ML			(ML) Sandy Silt, fine grained sand, very dark gray, soft, no odor
Wet	2.2			ML		11	(ML) Silt, very dark gray, stiff, no odor, some organics (wood pieces)
Wet	1.8					12	
Wet	2.2			ML		13	(ML) Sandy Silt, fine to very fine grained sand, dark brown, loose, no odor
Wet	2.0		SB-3-13.5			14	(SM) Silty Sand, fine grained sand, very dark gray, loose, no odor
Wet	2.2					15	Grain size changes to medium grained. Becomes meduim dense at 15 ft bgs
						16	
Wet	0.9			SM		17	
						18	
Wet	1.0					19	
						20	Bottom of borehole at 20.0 feet.
						21	

WELL DIAGRAM

- Flush-mount well box
- Well cap
- Cement seal
- Bentonite seal
- 20/40 filter pre-pack & 2/12 around pre-pack
- Pre-packed Sch 40 PVC 0.010-inch slotted screen

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Bothell, WA 98011

Boring: SB-4

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/27/2007
Date Completed: 9/27/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 20 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
							Road base/rocks, with fine to medium grained sand
						1	(SP) Sand, fine to medium grained, very dark gray, damp, loose, no odor
						2	
						3	
						4	
Damp	1.2			SP		5	Boring was hand cleared to 5 ft bgs
Damp	1.0					6	
Damp	1.6					7	
Damp	2.3					8	
Damp	2.5		SB-4-8			9	Encountered water table at 9 ft bgs
Saturated	2.5			ML		10	(ML) Sandy Silt, fine grained sand, olive gray, saturated, very soft, no odor
Saturated	2.7			ML			(ML) Silt, olive gray, grades from soft to firm, no odor
Saturated	0.7					11	(ML) Sandy Silt, fine to very fine grained sand, dark brown, very soft, no odor
Saturated	1.2			ML		12	Color changes to dark gray
Saturated	2.0					13	
Saturated	2.3					14	(SP) Sand, fine to medium grained sand, dark brown to dark gray, soft, no odor
Saturated	1.3			SP		15	
Saturated	2.2					16	
Saturated	2.0			SM		17	(SM) Silty Sand, fine to medium grained sand, very dark brown, loose, no odor
Saturated	2.0					18	(SP) Sand, fine to medium grained sand, very dark gray, loose, no odor.
Saturated	1.5			SP		19	
						20	Bottom of borehole at 20.0 feet.
						21	

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Boring: SB-5

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/27/2007
Date Completed: 9/27/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 16 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
							Road base/rocks, fine to medium grained SAND, damp, loose, no odor
						1	(SP) Sand, fine to medium grained, damp, loose, no odor
						2	
						3	
						4	
Damp	1.4			SP		5	Boring was hand cleared to 5 ft bgs
						6	
						7	
Damp	0.7						
Saturated	1.8		SB-5-8			8	Encountered water table at 8 ft bgs
						9	
Saturated	1.8						(ML) Silt, very dark gray, very soft, no odor; saturated
Saturated	1.7			ML		10	Becomes firm
						11	
	1.4						(SM) Silty Sand, fine to medium grained sand, dark brown, loose, no odor
Saturated	2.0					12	
						13	
Saturated	1.1			SM			
						14	
	1.9						
						15	
Saturated	1.5						
						16	Bottom of borehole at 16.0 feet.
						17	
						18	

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Boring: SB-6

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/26/2007
Date Completed: 9/28/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 17 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
							Road base/rocks with fine to medium grained sand, very dark gray
Damp	1.2					1	(SP) Sand, fine to medium grained, very dark gray, damp, very loose, no odor
Damp	0.4					2	
Damp	1.1					3	
Damp	1.2					4	Density increases to loose
Damp	1.7			SP		5	Boring was hand cleared to 5 ft bgs
Damp	0.6						
Damp	0.8					6	
Damp	0.7					7	
			SB-6-8			8	
						9	(ML) Sandy Silt, fine to very fine grained sand, very dark gray, damp, no odor
Saturated	1.0			ML		10	(ML) Silt, very dark gray, soft to medium stiff (density increases with depth), no odor, some organic material (wood pieces)
Saturated	1.0						
Saturated	1.2			ML		11	
Saturated	1.2					12	
						13	(ML) Sandy Silt, fine to very fine grained sand, very dark gray
						14	
Saturated	1.5			ML		15	Color changes to very dark brown
Saturated	1.1						
Saturated	1.1					16	
						17	Bottom of borehole at 17.0 feet.
						18	
						19	

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Boring: SB-7

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/28/2007
Date Completed: 9/28/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 17 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
						0.5	Road base/rocks, with fine to medium grained sand
						1	(SP) Sand, fine to medium grained, very dark gray, loose, no odor
Damp	0.9			SP		3	
Damp	0.9					5	Boring was hand cleared to 5 ft bgs Sand grades to fine grained
Damp	1.4					6	
Damp	1.5					7	(SM) Silty Sand, fine to medium grained sand, very dark brown to very dark gray, loose, no odor
Saturated	1.6					8	Encountered the water table at 8 ft bgs
Saturated	1.4		SB-7-9	SM		9	
Saturated	1.3					10	
Saturated	1.5					11	(ML) Silt, very dark gray, soft, no odor, some organic material (wood pieces)
Saturated	1.6			ML		12	Becomes firm (ML) Sandy Silt, very fine to medium grained sand, very dark gray, no odor
Wet	1.6			ML		15	
Wet	1.5					16	Color changes to very dark brown
Wet	1.3					17	Bottom of borehole at 17.0 feet.

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Boring: SB-8

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/26/2007
Date Completed: 9/27/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 16 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
							Road base/rocks, with fine to medium grained sand, very dark gray
	0.0					1	(SP) Sand, fine to medium grained sand, very dark gray, damp, loose, no odor
						2	
Damp	0.0					3	
Damp	0.0					4	
Damp	0.1			SP		5	Boring was hand cleared down to 5 ft bgs
Damp	1.5						
Damp	1.5					6	
						7	Color changes to dark brown
Damp	1.7						
Damp	0.9					8	
						9	(ML) Sandy Silt, fine to very fine grained sand, very dark gray, very soft, no odor
Saturated	1.2		SB-8-9	ML			
Saturated	1.0					10	(ML) Silt, very dark gray, soft, no odor, some organic material (wood pieces)
Wet	1.0					11	
						12	
				ML		13	
Wet	0.9						
Wet	1.4					14	Becomes stiff
						15	(SP) Sand, fine to medium grained, very dark gray, loose, no odor
Wet	1.2			SP			
						16	Bottom of borehole at 16.0 feet.
						17	
						18	

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Boring: SB-9

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/26/2007
Date Completed: 9/27/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 20 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	DEPTH (ft)	LITHOLOGY/DESCRIPTION
					0	Asphalt
						Road base/rocks, fine to medium grained sand
	0.0				1	(SP) Sand, fine to medium grained, very dark gray, damp, very loose, no odor
Damp	0.0				2	
					3	
Damp	0.0				4	Becomes loose
Damp	0.0				5	Boring was hand cleared to 5 ft bgs
Damp	0.2			SP	6	
					7	Color changes to dark olive gray
					8	
					9	
Damp	0.5				10	
Damp	0.6		SB-9-10		11	Color changes to dark olive brown
Saturated	0.4					(ML) Sandy Silt, very fine grained sand, dark gray, saturated, no odor
Saturated	0.8				12	
Saturated	0.5			ML	13	
Saturated	0.8				14	
Wet	0.7			ML	15	(ML) Silt, dark gray, no odor, some organic material (wood pieces)
					16	(ML) Sandy Silt, very fine grained sand, dark gray, saturated, no odor
Wet	1.1			ML	17	
Wet	1.0				18	
Wet	1.0			ML	19	(ML) Silt, light brown, saturated, soft, no odor, some organic material (wood pieces)
						Color changes to dark gray
					20	Bottom of borehole at 20.0 feet.
					21	

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Boring: SB-10

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 9/26/2007
Date Completed: 9/28/2007

Driller: Cascade Drilling, Inc.
Drill Method: Hand Auger/Geoprobe
Total Boring Depth: 20 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
						0	Asphalt
							Road base/rocks, fine to medium graind sand, very dark gray
Damp	0.3					1	(SP) Sand, fine to medium grained, very dark gray, very loose, no odor
Damp	0.2					2	
Damp	0.6			SP		3	
Damp	1.6					4	Becomes loose
Damp	1.4					5	Boring was hand cleared to 5 ft bgs
Damp	1.3			SM		6	(SM) Silty Sand, fine grained sand, very dark gray, loose, no odor
Damp	1.3			ML		7	(ML) Silt, very dark brown
Damp	1.1			SM		8	(SM) Sandy Silt, very dark gray
						9	(ML) Silt, very dark gray, soft, grades to medium stiff, no odor
Damp	1.0					10	
Saturated	1.1					11	Encountered water table at 11 ft bgs
Saturated	1.0					12	
Saturated	1.8			ML		13	Color changes to brown
Saturated	1.7		SB-10-14			14	
Wet	1.7					15	
Wet	1.5					16	
Wet	1.4					17	
Wet	1.5					18	(ML) Sandy Silt, fine to very fine grained sand, very dark gray, loose/soft, no odor
Wet	1.6			ML		19	Color changes to very dark brown
						20	Bottom of borehole at 20.0 feet.
						21	

18912 North Creek Parkway, Suite 101
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Boring: SB-11

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: T Dube
Date Started: 9/28/2007
Date Completed: 9/28/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 2.75 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
	78 88 65		SB-11-2.5	SM		1 2 3 4 5 6 7	(SM) Sand, fine to coarse grained with some silt and gravel (up to 6" in size), brown-gray, damp, dense, waste debris (bolts, wood pieces, tubing, etc.) FILL Strong odor observed (Solvent/Fuel) from 1.5 to 2.5 ft Strong sheen observed at 2 ft Refusal at 2.75 ft on rock This boring was attempted twice - the first boring was done one foot away from second location. The first boring was advanced to 2 ft bgs. The second boring was advanced to a total depth of 2.75 ft bgs. Bottom of borehole at 2.8 feet.

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Boring: SB-12

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: T Dube
Date Started: 9/28/2007
Date Completed: 9/28/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 2 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
				GP			(GP) Gravel up to 3/4" in size, gray-brown, loose, no odor. FILL
	1.5						(SM) Sand, fine to coarse grained, some silt and gravel (up to 5" in size), dark brown, damp, dense.
	3.9					1	Waste debris. FILL
	23.9			SM			
	8.2		SB-12-1.5				Moderate odor observed between 1-2 ft bgs (solvent/fuel)
	33.9					2	Weak to moderate sheen at 2 ft
						3	Refusal at 2 ft bgs on rock Bottom of borehole at 2.0 feet.
						4	
						5	
						6	
						7	

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Bothell, WA 98011

Boring: SB-13

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: S Bloom
Date Started: 10/1/2007
Date Completed: 10/1/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 7.5 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
				GP		0	(GP) Sandy gravel wiht cobbles and waste debris. (FILL)
Damp	0.8		SB-13-1			1	(SM) Sand, very fine to medium grained sand, some silt, very dark gray, damp, loose, no odor
						2	
						3	
Damp	0.6		SB-13-3.5	SM		4	
Damp	0.6					5	
Damp	0.4					6	
Saturated	0.8		SB-13-7	ML		7	(ML) Sandy Silt, very fine to fine grained sand, very dark gray, saturated, soft/loose, no odor Encountered water table at 7 ft bgs
							Bottom of borehole at 7.5 feet.
						8	
						9	
						10	

18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Boring: SB-14

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: T Dube
Date Started: 10/1/2007
Date Completed: 10/1/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 8 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
				GP		0	(GP) Sandy Gravel, gravel up to 1/2", gray-brown, damp, no odor, loose. FILL
				ML		1	(ML) Gravelly Silt, gravel up to 3", gray-brown, moist, dense, no odor, some waste debris. FILL
Moist	0.6					2	(SP) Sand, fine to medium grained sand, trace silt and fine gravel (to 0.25 inch), gray-brown, damp, no odor
Moist	0.9						
Moist	0.9		SB-14-3			3	
						4	
				SP			
Moist	0.7					5	Sand becomes slight coarser
Moist	1.0					6	
Moist	55					7	Strong solvent/petroleum odor and heavy sheen at 7 to 8 ft bgs
Saturated	15/23.7		SB-14-7.5				Encountered water table at 7.5 ft bgs
						8	Bottom of borehole at 8.0 feet.
						9	
						10	

18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Boring: SB-15

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: T Dube
Date Started: 10/1/2007
Date Completed: 10/1/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 4 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
				GP		0	(GP) Sandy Gravel, gravel up to 3/4" big, gray-brown, damp, no odor. FILL
				ML		1	(ML) Gravelly Silt, gravel up to 6", some medium grained sand, gray-brown, very moist, stiff, no odor, some waste debris. FILL
Very Moist	1.0					2	(SP) Sand, fine to medium grained, minor silt and gravel (up to 1"), gray-brown, very moist to wet, loose, slight solvent/petroleum odor
Very Moist	2.2			SP		3	Solvent/petroleum odor observed
Saturated	36						
Saturated	42		SB-15-3.5				Encountered water table at 3.25 ft bgs (after completion water level measured at 2.8 ft); dense below 3.5 ft
						4	Bottom of borehole at 4.0 feet.
						5	
						6	
						7	

18912 North Creek Parkway, Suite 101
Bothell, WA 98011

Boring: SB-16

Project: South Park Marina
Client: Washington State Dept of Ecology
Location: Seattle, Washington

Logged By: T Dube
Date Started: 10/1/2007
Date Completed: 10/1/2007

Driller: --
Drill Method: Hand Auger
Total Boring Depth: 4 ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
				GP		0	(GP) Sandy gravel, gravel up to 3/4", gray-brown, damp, loose, no odor. FILL
						1	(ML) Gravelly Silt, gravel is up to 3.5", some sand, gray-brown, damp, stiff, some waste debris (wire, nails, etc), FILL
Moist	2.1						Faint odor observed at 1.25', increasing with depth to moderate odor at 4 ft bgs
							Subtle sheen at 1.5 ft bgs.
	23					2	
Moist	12			ML			
	95						Moderate sheen 2.5 to 4 ft bgs
	164					3	
Moist	171		SB-16-3.5				
						4	Refusal on rock at 4 ft bgs Bottom of borehole at 4.0 feet.
						5	
						6	
						7	

Appendix B
Analytical Results Summaries

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Total Solids		84.3		%		EPA160.3M
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Arsenic	7440-38-2	1.5		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Cadmium	7440-43-9	0.037		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Chromium	7440-47-3	7.98		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Copper	7440-50-8	9.74		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Lead	7439-92-1	1.29	J	mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Silver	7440-22-4	0.06		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Zinc	7440-66-6	19.1		mg/Kg	Total	SW6020
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Mercury	7439-97-6	0.007		mg/Kg	Total	SW7471A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2,4'-DDT	789-02-6	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	4,4'-DDT	50-29-3	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Dieldrin	60-57-1	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	PCB-aroclor 1254	11097-69-1	9.9	U	ug/Kg		SW8082
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	PCB-aroclor 1260	11096-82-5	9.9	U	ug/Kg		SW8082
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	4-Methylphenol	106-44-5	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzo(a)anthracene	56-55-3	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzo(a)pyrene	50-32-8	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzo(b)fluoranthene	205-99-2	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzo(ghi)perylene	191-24-2	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzo(k)fluoranthene	207-08-9	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	9.5	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Butylbenzylphthalate	85-68-7	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Chrysene	218-01-9	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Dibenzo(a,h)anthracene	53-70-3	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Diethylphthalate	84-66-2	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Dimethylphthalate	131-11-3	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Di-N-Butylphthalate	84-74-2	11	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Fluoranthene	206-44-0	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Indeno(1,2,3-cd)pyrene	193-39-5	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Naphthalene	91-20-3	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Pentachlorophenol	87-86-5	100	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Phenanthrene	85-01-8	10	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Phenol	108-95-2	31	U	ug/Kg		SW8270C
Soil	SB-1	SB-1-9	9	9/27/2007	12:30	Pyrene	129-00-0	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Total Solids		94.8		%		EPA160.3M
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Residual Range Organics (RRO)		100	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Arsenic	7440-38-2	1.5		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Cadmium	7440-43-9	0.087		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Chromium	7440-47-3	9		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Copper	7440-50-8	8.9		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Lead	7439-92-1	4.53		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Silver	7440-22-4	0.052		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Zinc	7440-66-6	20.3		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Mercury	7439-97-6	0.011		mg/Kg	Total	SW7471A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2,4'-DDT	789-02-6	0.51		ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	4,4'-DDT	50-29-3	0.87	J	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Dieldrin	60-57-1	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	PCB-aroclor 1254	11097-69-1	9.9	U	ug/Kg		SW8082
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	PCB-aroclor 1260	11096-82-5	9.9	U	ug/Kg		SW8082
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	1,2,4-Trichlorobenzene	120-82-1	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	1,2-Dichlorobenzene	95-50-1	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	1,4-Dichlorobenzene	106-46-7	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2,4-Dimethylphenol	105-67-9	45	R	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2-Methylnaphthalene	91-57-6	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	2-Methylphenol	95-48-7	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	4-Methylphenol	106-44-5	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Acenaphthene	83-32-9	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Acenaphthylene	208-96-8	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Anthracene	120-12-7	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzo(a)anthracene	56-55-3	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzo(a)pyrene	50-32-8	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzo(b)fluoranthene	205-99-2	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzo(ghi)perylene	191-24-2	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzo(k)fluoranthene	207-08-9	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzoic Acid	65-85-0	180	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Benzyl Alcohol	100-51-6	18	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Bis(2-Ethylhexyl) Phthalate	117-81-7	90	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Butylbenzylphthalate	85-68-7	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Chrysene	218-01-9	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Dibenzo(a,h)anthracene	53-70-3	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Dibenzofuran	132-64-9	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Diethylphthalate	84-66-2	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Dimethylphthalate	131-11-3	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Di-N-Butylphthalate	84-74-2	18	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Di-N-Octyl Phthalate	117-84-0	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Fluoranthene	206-44-0	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Fluorene	86-73-7	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Hexachlorobenzene	118-74-1	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Hexachlorobutadiene	87-68-3	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Indeno(1,2,3-cd)pyrene	193-39-5	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Naphthalene	91-20-3	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	N-Nitrosodiphenylamine	86-30-6	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Pentachlorophenol	87-86-5	90	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Phenanthrene	85-01-8	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Phenol	108-95-2	30	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-1	1	10/1/2007	12:10	Pyrene	129-00-0	9	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Total Solids		82.7		%		EPA160.3M
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Arsenic	7440-38-2	2.2		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Cadmium	7440-43-9	0.063		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Chromium	7440-47-3	9.47		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Copper	7440-50-8	56		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Lead	7439-92-1	13.7	J	mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Silver	7440-22-4	0.066		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Zinc	7440-66-6	29.3		mg/Kg	Total	SW6020
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Mercury	7439-97-6	0.009		mg/Kg	Total	SW7471A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2,4'-DDD	53-19-0	2.3	J	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2,4'-DDT	789-02-6	1.2	J	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	4,4'-DDD	72-54-8	1.3		ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	4,4'-DDE	72-55-9	0.45		ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	4,4'-DDT	50-29-3	1.8		ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Aldrin	309-00-2	1	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Dieldrin	60-57-1	0.58	J	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	PCB-aroclor 1254	11097-69-1	10	U	ug/Kg		SW8082
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	PCB-aroclor 1260	11096-82-5	21		ug/Kg		SW8082
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	4-Methylphenol	106-44-5	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzo(a)anthracene	56-55-3	5.2		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzo(a)pyrene	50-32-8	6		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzo(b)fluoranthene	205-99-2	10		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzo(ghi)perylene	191-24-2	6.4		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzo(k)fluoranthene	207-08-9	3.6		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Benzyl Alcohol	100-51-6	7.7		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Bis(2-Ethylhexyl) Phthalate	117-81-7	35	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Butylbenzylphthalate	85-68-7	5.2		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Chrysene	218-01-9	7.1		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Dibenzo(a,h)anthracene	53-70-3	2.2		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Diethylphthalate	84-66-2	2.1	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Dimethylphthalate	131-11-3	26		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Di-N-Butylphthalate	84-74-2	17	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Fluoranthene	206-44-0	9.1		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Indeno(1,2,3-cd)pyrene	193-39-5	6		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Naphthalene	91-20-3	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Pentachlorophenol	87-86-5	41		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Phenanthrene	85-01-8	2.9		ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Phenol	108-95-2	20	U	ug/Kg		SW8270C
Soil	SB-2	SB-2-9	9	9/28/2007	8:10	Pyrene	129-00-0	8.3		ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Total Solids		84.2		%		EPA160.3M
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Arsenic	7440-38-2	1.7		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Cadmium	7440-43-9	0.029		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Chromium	7440-47-3	8.4		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Copper	7440-50-8	7.58		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Lead	7439-92-1	2.23	J	mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Silver	7440-22-4	0.055		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Zinc	7440-66-6	15		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Mercury	7439-97-6	0.01		mg/Kg	Total	SW7471A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2,4'-DDT	789-02-6	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	4,4'-DDT	50-29-3	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Dieldrin	60-57-1	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	PCB-aroclor 1254	11097-69-1	39		ug/Kg		SW8082
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	PCB-aroclor 1260	11096-82-5	9.9	U	ug/Kg		SW8082
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	1,2,4-Trichlorobenzene	120-82-1	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	1,2-Dichlorobenzene	95-50-1	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	1,4-Dichlorobenzene	106-46-7	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2-Methylnaphthalene	91-57-6	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	2-Methylphenol	95-48-7	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	4-Methylphenol	106-44-5	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Acenaphthene	83-32-9	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Acenaphthylene	208-96-8	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Anthracene	120-12-7	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzo(a)anthracene	56-55-3	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzo(a)pyrene	50-32-8	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzo(b)fluoranthene	205-99-2	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzo(ghi)perylene	191-24-2	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzo(k)fluoranthene	207-08-9	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Bis(2-Ethylhexyl) Phthalate	117-81-7	12	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Butylbenzylphthalate	85-68-7	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Chrysene	218-01-9	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Dibenzo(a,h)anthracene	53-70-3	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Dibenzofuran	132-64-9	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Diethylphthalate	84-66-2	1.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Dimethylphthalate	131-11-3	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Di-N-Butylphthalate	84-74-2	19	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Di-N-Octyl Phthalate	117-84-0	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Fluoranthene	206-44-0	3		ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Fluorene	86-73-7	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Hexachlorobenzene	118-74-1	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Hexachlorobutadiene	87-68-3	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Indeno(1,2,3-cd)pyrene	193-39-5	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Naphthalene	91-20-3	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	N-Nitrosodiphenylamine	86-30-6	9.9	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Pentachlorophenol	87-86-5	99	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Phenanthrene	85-01-8	3.8		ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Phenol	108-95-2	26	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-13.5	13.5	9/27/2007	14:50	Pyrene	129-00-0	3.3		ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Total Solids		81.5		%		EPA160.3M
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Arsenic	7440-38-2	1		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Cadmium	7440-43-9	0.281		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Chromium	7440-47-3	23.1		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Copper	7440-50-8	10.8		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Lead	7439-92-1	31.8	J	mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Silver	7440-22-4	0.07		mg/Kg	Total	SW6020
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Zinc	7440-66-6	33		mg/Kg	Total	SW6020

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Mercury	7439-97-6	0.015		mg/Kg	Total	SW7471A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2,4'-DDD	53-19-0	1.9	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2,4'-DDT	789-02-6	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	4,4'-DDD	72-54-8	0.35	J	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	4,4'-DDE	72-55-9	2.9	J	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	4,4'-DDT	50-29-3	10		ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Aldrin	309-00-2	6.1		ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Dieldrin	60-57-1	27		ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	PCB-aroclor 1254	11097-69-1	92		ug/Kg		SW8082
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	PCB-aroclor 1260	11096-82-5	88		ug/Kg		SW8082
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	4-Methylphenol	106-44-5	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzo(a)anthracene	56-55-3	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzo(a)pyrene	50-32-8	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzo(b)fluoranthene	205-99-2	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzo(ghi)perylene	191-24-2	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzo(k)fluoranthene	207-08-9	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Bis(2-Ethylhexyl) Phthalate	117-81-7	14	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Butylbenzylphthalate	85-68-7	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Chrysene	218-01-9	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Dibenzo(a,h)anthracene	53-70-3	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Diethylphthalate	84-66-2	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Dimethylphthalate	131-11-3	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Di-N-Butylphthalate	84-74-2	16	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Fluoranthene	206-44-0	4.6		ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Indeno(1,2,3-cd)pyrene	193-39-5	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Naphthalene	91-20-3	3.7		ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Pentachlorophenol	87-86-5	28		ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Phenanthrene	85-01-8	8.1		ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Phenol	108-95-2	31	U	ug/Kg		SW8270C
Soil	SB-3	SB-3-7	7	9/27/2007	14:07	Pyrene	129-00-0	5.1		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Total Solids		71.8		%		EPA160.3M
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Arsenic	7440-38-2	4.2		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Cadmium	7440-43-9	0.097		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Chromium	7440-47-3	11.8		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Copper	7440-50-8	19.9		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Lead	7439-92-1	3.32	J	mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Silver	7440-22-4	0.108		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Zinc	7440-66-6	26.3		mg/Kg	Total	SW6020
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Mercury	7439-97-6	0.048		mg/Kg	Total	SW7471A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2,4'-DDD	53-19-0	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2,4'-DDT	789-02-6	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	4,4'-DDD	72-54-8	0.22		ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	4,4'-DDE	72-55-9	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	4,4'-DDT	50-29-3	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Aldrin	309-00-2	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Dieldrin	60-57-1	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	PCB-aroclor 1254	11097-69-1	10	U	ug/Kg		SW8082
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	PCB-aroclor 1260	11096-82-5	10	U	ug/Kg		SW8082
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	4-Methylphenol	106-44-5	2.2		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzo(a)anthracene	56-55-3	6.3		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzo(a)pyrene	50-32-8	7.5		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzo(b)fluoranthene	205-99-2	7.9		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzo(ghi)perylene	191-24-2	6.5		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzo(k)fluoranthene	207-08-9	2.3		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Bis(2-Ethylhexyl) Phthalate	117-81-7	100	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Butylbenzylphthalate	85-68-7	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Chrysene	218-01-9	7.1		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Dibenzo(a,h)anthracene	53-70-3	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Diethylphthalate	84-66-2	2.3	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Dimethylphthalate	131-11-3	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Di-N-Butylphthalate	84-74-2	19	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Fluoranthene	206-44-0	13		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Indeno(1,2,3-cd)pyrene	193-39-5	6.1		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Naphthalene	91-20-3	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Pentachlorophenol	87-86-5	100	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Phenanthrene	85-01-8	6.2		ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Phenol	108-95-2	35	U	ug/Kg		SW8270C
Soil	SB-4	SB-4-8	8	9/27/2007	10:25	Pyrene	129-00-0	17		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Total Solids		60.5		%		EPA160.3M
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Diesel Range Organics		23		mg/Kg		NWTPH-DX
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Residual Range Organics		220	J	mg/Kg		NWTPH-DX
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Arsenic	7440-38-2	8.7		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Cadmium	7440-43-9	0.084		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Chromium	7440-47-3	13.4		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Copper	7440-50-8	21.7		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Lead	7439-92-1	4.39	J	mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Silver	7440-22-4	0.145		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Zinc	7440-66-6	28.9		mg/Kg	Total	SW6020
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Mercury	7439-97-6	0.064		mg/Kg	Total	SW7471A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2,4'-DDT	789-02-6	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	4,4'-DDT	50-29-3	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Dieldrin	60-57-1	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Heptachlor	76-44-8	0.56		ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	PCB-aroclor 1254	11097-69-1	9.9	U	ug/Kg		SW8082
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	PCB-aroclor 1260	11096-82-5	9.9	U	ug/Kg		SW8082
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	4-Methylphenol	106-44-5	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzo(a)anthracene	56-55-3	4.8		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzo(a)pyrene	50-32-8	6.1		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzo(b)fluoranthene	205-99-2	7.2		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzo(ghi)perylene	191-24-2	5.8		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzo(k)fluoranthene	207-08-9	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzoic Acid	65-85-0	190		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Bis(2-Ethylhexyl) Phthalate	117-81-7	100	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Butylbenzylphthalate	85-68-7	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Chrysene	218-01-9	6.4		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Dibenzo(a,h)anthracene	53-70-3	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Diethylphthalate	84-66-2	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Dimethylphthalate	131-11-3	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Di-N-Butylphthalate	84-74-2	20	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Fluoranthene	206-44-0	11		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Indeno(1,2,3-cd)pyrene	193-39-5	6.6		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Naphthalene	91-20-3	10	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Pentachlorophenol	87-86-5	100	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Phenanthrene	85-01-8	5.4		ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Phenol	108-95-2	45	U	ug/Kg		SW8270C
Soil	SB-5	SB-5-8	8	9/27/2007	11:25	Pyrene	129-00-0	14		ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Total Solids		81.1		%		EPA160.3M
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Diesel Range Organics		3.7		mg/Kg		NWTPH-DX
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Residual Range Organics		21		mg/Kg		NWTPH-DX
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Arsenic	7440-38-2	1.9		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Cadmium	7440-43-9	0.021		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Chromium	7440-47-3	7.51		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Copper	7440-50-8	7.19		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Lead	7439-92-1	1.49	J	mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Silver	7440-22-4	0.055		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Zinc	7440-66-6	15.4		mg/Kg	Total	SW6020
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Mercury	7439-97-6	0.004		mg/Kg	Total	SW7471A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2,4'-DDD	53-19-0	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2,4'-DDT	789-02-6	1.1		ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	4,4'-DDD	72-54-8	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	4,4'-DDE	72-55-9	1.6		ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	4,4'-DDT	50-29-3	1.8		ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Aldrin	309-00-2	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Dieldrin	60-57-1	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	PCB-aroclor 1254	11097-69-1	23		ug/Kg		SW8082
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	PCB-aroclor 1260	11096-82-5	10	U	ug/Kg		SW8082
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	1,2,4-Trichlorobenzene	120-82-1	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	1,2-Dichlorobenzene	95-50-1	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	1,4-Dichlorobenzene	106-46-7	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2,4-Dimethylphenol	105-67-9	49	R	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2-Methylnaphthalene	91-57-6	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	2-Methylphenol	95-48-7	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	4-Methylphenol	106-44-5	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Acenaphthene	83-32-9	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Acenaphthylene	208-96-8	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Anthracene	120-12-7	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzo(a)anthracene	56-55-3	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzo(a)pyrene	50-32-8	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzo(b)fluoranthene	205-99-2	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzo(ghi)perylene	191-24-2	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzo(k)fluoranthene	207-08-9	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	18	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Butylbenzylphthalate	85-68-7	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Chrysene	218-01-9	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Dibenzo(a,h)anthracene	53-70-3	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Dibenzofuran	132-64-9	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Diethylphthalate	84-66-2	3.6	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Dimethylphthalate	131-11-3	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Di-N-Butylphthalate	84-74-2	11	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Di-N-Octyl Phthalate	117-84-0	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Fluoranthene	206-44-0	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Fluorene	86-73-7	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Hexachlorobenzene	118-74-1	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Hexachlorobutadiene	87-68-3	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Indeno(1,2,3-cd)pyrene	193-39-5	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Naphthalene	91-20-3	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	N-Nitrosodiphenylamine	86-30-6	9.8	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Pentachlorophenol	87-86-5	98	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Phenanthrene	85-01-8	2.5		ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Phenol	108-95-2	21	U	ug/Kg		SW8270C
Soil	SB-6	SB-6-8	8	9/28/2007	9:30	Pyrene	129-00-0	9.8	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Total Solids		87.5		%		EPA160.3M
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Arsenic	7440-38-2	1.4		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Cadmium	7440-43-9	0.025		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Chromium	7440-47-3	6.37		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Copper	7440-50-8	7.38		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Lead	7439-92-1	2.13	J	mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Silver	7440-22-4	0.049		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Zinc	7440-66-6	14.8		mg/Kg	Total	SW6020
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Mercury	7439-97-6	0.005		mg/Kg	Total	SW7471A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2,4'-DDD	53-19-0	1	U	ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2,4'-DDT	789-02-6	1.7		ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	4,4'-DDD	72-54-8	0.26		ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	4,4'-DDE	72-55-9	2.1		ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	4,4'-DDT	50-29-3	3.3		ug/Kg		SW8081A

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Aldrin	309-00-2	2		ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Dieldrin	60-57-1	1.7		ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	PCB-aroclor 1254	11097-69-1	5.9	J	ug/Kg		SW8082
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	PCB-aroclor 1260	11096-82-5	10	U	ug/Kg		SW8082
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	1,2,4-Trichlorobenzene	120-82-1	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	1,2-Dichlorobenzene	95-50-1	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	1,4-Dichlorobenzene	106-46-7	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2-Methylnaphthalene	91-57-6	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	2-Methylphenol	95-48-7	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	4-Methylphenol	106-44-5	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Acenaphthene	83-32-9	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Acenaphthylene	208-96-8	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Anthracene	120-12-7	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzo(a)anthracene	56-55-3	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzo(a)pyrene	50-32-8	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzo(b)fluoranthene	205-99-2	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzo(ghi)perylene	191-24-2	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzo(k)fluoranthene	207-08-9	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Bis(2-Ethylhexyl) Phthalate	117-81-7	99	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Butylbenzylphthalate	85-68-7	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Chrysene	218-01-9	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Dibenzo(a,h)anthracene	53-70-3	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Dibenzofuran	132-64-9	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Diethylphthalate	84-66-2	1.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Dimethylphthalate	131-11-3	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Di-N-Butylphthalate	84-74-2	9.5	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Di-N-Octyl Phthalate	117-84-0	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Fluoranthene	206-44-0	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Fluorene	86-73-7	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Hexachlorobenzene	118-74-1	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Hexachlorobutadiene	87-68-3	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Indeno(1,2,3-cd)pyrene	193-39-5	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Naphthalene	91-20-3	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	N-Nitrosodiphenylamine	86-30-6	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Pentachlorophenol	87-86-5	99	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Phenanthrene	85-01-8	9.9	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Phenol	108-95-2	16	U	ug/Kg		SW8270C
Soil	SB-7	SB-7-9	9	9/28/2007	10:20	Pyrene	129-00-0	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Total Solids		76.4		%		EPA160.3M
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Arsenic	7440-38-2	2.1		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Cadmium	7440-43-9	0.061		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Chromium	7440-47-3	10.6		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Copper	7440-50-8	13.9		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Lead	7439-92-1	2.09	J	mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Silver	7440-22-4	0.091		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Zinc	7440-66-6	22.6		mg/Kg	Total	SW6020
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Mercury	7439-97-6	0.028		mg/Kg	Total	SW7471A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2,4'-DDD	53-19-0	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2,4'-DDT	789-02-6	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	4,4'-DDD	72-54-8	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	4,4'-DDE	72-55-9	0.49		ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	4,4'-DDT	50-29-3	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Aldrin	309-00-2	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Dieldrin	60-57-1	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	PCB-aroclor 1254	11097-69-1	10	U	ug/Kg		SW8082
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	PCB-aroclor 1260	11096-82-5	10	U	ug/Kg		SW8082
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	1,2,4-Trichlorobenzene	120-82-1	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	1,2-Dichlorobenzene	95-50-1	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	1,4-Dichlorobenzene	106-46-7	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2-Methylnaphthalene	91-57-6	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	2-Methylphenol	95-48-7	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	4-Methylphenol	106-44-5	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Acenaphthene	83-32-9	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Acenaphthylene	208-96-8	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Anthracene	120-12-7	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzo(a)anthracene	56-55-3	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzo(a)pyrene	50-32-8	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzo(b)fluoranthene	205-99-2	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzo(ghi)perylene	191-24-2	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzo(k)fluoranthene	207-08-9	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Benzyl Alcohol	100-51-6	4.1		ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Bis(2-Ethylhexyl) Phthalate	117-81-7	12	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Butylbenzylphthalate	85-68-7	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Chrysene	218-01-9	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Dibenzo(a,h)anthracene	53-70-3	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Dibenzofuran	132-64-9	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Diethylphthalate	84-66-2	3	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Dimethylphthalate	131-11-3	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Di-N-Butylphthalate	84-74-2	12	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Di-N-Octyl Phthalate	117-84-0	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Fluoranthene	206-44-0	2.4		ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Fluorene	86-73-7	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Hexachlorobenzene	118-74-1	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Hexachlorobutadiene	87-68-3	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Indeno(1,2,3-cd)pyrene	193-39-5	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Naphthalene	91-20-3	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	N-Nitrosodiphenylamine	86-30-6	9.9	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Pentachlorophenol	87-86-5	99	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Phenanthrene	85-01-8	3.1		ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Phenol	108-95-2	24	U	ug/Kg		SW8270C
Soil	SB-8	SB-8-9	9	9/27/2007	9:55	Pyrene	129-00-0	2.5		ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Total Solids		78.6		%		EPA160.3M
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Arsenic	7440-38-2	2		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Cadmium	7440-43-9	0.029		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Chromium	7440-47-3	7.66		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Copper	7440-50-8	10.6		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Lead	7439-92-1	1.46	J	mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Silver	7440-22-4	0.064		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Zinc	7440-66-6	17.6		mg/Kg	Total	SW6020
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Mercury	7439-97-6	0.008		mg/Kg	Total	SW7471A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2,4'-DDT	789-02-6	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	4,4'-DDT	50-29-3	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Dieldrin	60-57-1	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	PCB-aroclor 1254	11097-69-1	9.9	U	ug/Kg		SW8082
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	PCB-aroclor 1260	11096-82-5	9.9	U	ug/Kg		SW8082
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	1,2,4-Trichlorobenzene	120-82-1	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	1,2-Dichlorobenzene	95-50-1	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	1,4-Dichlorobenzene	106-46-7	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2,4-Dimethylphenol	105-67-9	49	R	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2-Methylnaphthalene	91-57-6	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	2-Methylphenol	95-48-7	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	4-Methylphenol	106-44-5	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Acenaphthene	83-32-9	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Acenaphthylene	208-96-8	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Anthracene	120-12-7	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzo(a)anthracene	56-55-3	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzo(a)pyrene	50-32-8	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzo(b)fluoranthene	205-99-2	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzo(ghi)perylene	191-24-2	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzo(k)fluoranthene	207-08-9	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Bis(2-Ethylhexyl) Phthalate	117-81-7	11	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Butylbenzylphthalate	85-68-7	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Chrysene	218-01-9	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Dibenzo(a,h)anthracene	53-70-3	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Dibenzofuran	132-64-9	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Diethylphthalate	84-66-2	2.3	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Dimethylphthalate	131-11-3	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Di-N-Butylphthalate	84-74-2	20	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Di-N-Octyl Phthalate	117-84-0	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Fluoranthene	206-44-0	2.1		ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Fluorene	86-73-7	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Hexachlorobenzene	118-74-1	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Hexachlorobutadiene	87-68-3	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Indeno(1,2,3-cd)pyrene	193-39-5	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Naphthalene	91-20-3	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	N-Nitrosodiphenylamine	86-30-6	9.8	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Pentachlorophenol	87-86-5	98	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Phenanthrene	85-01-8	2.4		ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Phenol	108-95-2	21	U	ug/Kg		SW8270C
Soil	SB-9	SB-9-10	10	9/27/2007	8:55	Pyrene	129-00-0	2.6		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Total Solids		85.9		%		EPA160.3M
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Arsenic	7440-38-2	1.8		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Cadmium	7440-43-9	0.141		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Chromium	7440-47-3	8.6		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Copper	7440-50-8	10.8		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Lead	7439-92-1	16.3	J	mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Silver	7440-22-4	0.116		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Zinc	7440-66-6	28.7		mg/Kg	Total	SW6020
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Mercury	7439-97-6	0.007		mg/Kg	Total	SW7471A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2,4'-DDT	789-02-6	1.9		ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	4,4'-DDT	50-29-3	3.6		ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Dieldrin	60-57-1	1.7	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	PCB-aroclor 1254	11097-69-1	22		ug/Kg		SW8082
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	PCB-aroclor 1260	11096-82-5	24		ug/Kg		SW8082
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	1,2,4-Trichlorobenzene	120-82-1	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	1,2-Dichlorobenzene	95-50-1	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	1,4-Dichlorobenzene	106-46-7	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2,4-Dimethylphenol	105-67-9	50	R	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2-Methylnaphthalene	91-57-6	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	2-Methylphenol	95-48-7	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	4-Methylphenol	106-44-5	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Acenaphthene	83-32-9	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Acenaphthylene	208-96-8	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Anthracene	120-12-7	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzo(a)anthracene	56-55-3	2.2		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzo(a)pyrene	50-32-8	4.4		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzo(b)fluoranthene	205-99-2	8.4		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzo(ghi)perylene	191-24-2	5.8		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzo(k)fluoranthene	207-08-9	1.9		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Bis(2-Ethylhexyl) Phthalate	117-81-7	21	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Butylbenzylphthalate	85-68-7	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Chrysene	218-01-9	6.3		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Dibenzo(a,h)anthracene	53-70-3	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Dibenzofuran	132-64-9	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Diethylphthalate	84-66-2	2.1	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Dimethylphthalate	131-11-3	6.7		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Di-N-Butylphthalate	84-74-2	110	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Di-N-Octyl Phthalate	117-84-0	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Fluoranthene	206-44-0	3		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Fluorene	86-73-7	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Hexachlorobenzene	118-74-1	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Hexachlorobutadiene	87-68-3	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Indeno(1,2,3-cd)pyrene	193-39-5	5.7		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Naphthalene	91-20-3	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	N-Nitrosodiphenylamine	86-30-6	10	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Pentachlorophenol	87-86-5	79		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Phenanthrene	85-01-8	2.4		ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Phenol	108-95-2	14	U	ug/Kg		SW8270C
Soil	SB-10	SB-10-14	14	9/28/2007	11:25	Pyrene	129-00-0	4.3		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Total Solids		84		%		EPA160.3M
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Diesel Range Organics		9600	J	mg/Kg		NWTPH-DX
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Residual Range Organics		26000	J	mg/Kg		NWTPH-DX
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Gasoline Range Organics		2000	U	mg/Kg		NWTPH-HCID
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Arsenic	7440-38-2	6.7		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Cadmium	7440-43-9	31.4		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chromium	7440-47-3	465		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Copper	7440-50-8	198		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Lead	7439-92-1	3100	J	mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Silver	7440-22-4	0.299		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Zinc	7440-66-6	1480		mg/Kg	Total	SW6020
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Mercury	7439-97-6	29.5		mg/Kg	Total	SW7471A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2,4'-DDD	53-19-0	610	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2,4'-DDE	3424-82-6	550	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2,4'-DDT	789-02-6	3400	J	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4,4'-DDD	72-54-8	800		ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4,4'-DDE	72-55-9	260	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4,4'-DDT	50-29-3	3200	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Aldrin	309-00-2	3500		ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chlordane	57-74-9	3100	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dieldrin	60-57-1	140	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Heptachlor	76-44-8	100	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Lindane	58-89-9	100	U	ug/Kg		SW8081A
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	PCB-aroclor 1016	12674-11-2	1000	U	ug/Kg		SW8082
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	PCB-aroclor 1248	12672-29-6	1000	U	ug/Kg		SW8082
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	PCB-aroclor 1254	11097-69-1	29000		ug/Kg		SW8082
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	PCB-aroclor 1260	11096-82-5	1000	U	ug/Kg		SW8082

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1,1,2-Tetrachloroethane	630-20-6	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1,1-Trichloroethane	71-55-6	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1,2,2-Tetrachloroethane	79-34-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1,2-Trichloroethane	79-00-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1-Dichloroethane	75-34-3	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1-Dichloroethene	75-35-4	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,1-Dichloropropene	563-58-6	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2,3-Trichlorobenzene	87-61-6	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2,3-Trichloropropane	96-18-4	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2,4-Trichlorobenzene	120-82-1	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2,4-Trimethylbenzene	95-63-6	10		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dibromo-3-Chloropropane	96-12-8	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dibromoethane (EDB)	106-93-4	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dichlorobenzene	95-50-1	0.24		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dichloroethane	107-06-2	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dichloropropane	78-87-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,3,5-Trimethylbenzene	108-67-8	3.3		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,3-Dichlorobenzene	541-73-1	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,3-Dichloropropane	142-28-9	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,4-Dichlorobenzene	106-46-7	0.038		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2,2-Dichloropropane	594-20-7	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2-Butanone	78-93-3	0.71		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2-Chlorotoluene	95-49-8	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2-Hexanone	591-78-6	2.9	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4-Chlorotoluene	106-43-4	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4-Methyl-2-Pentanone	108-10-1	1.4		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Acetone	67-64-1	0.93	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzene	71-43-2	0.072		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bromobenzene	108-86-1	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bromochloromethane	74-97-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bromodichloromethane	75-27-4	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bromoform	75-25-2	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bromomethane	74-83-9	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Carbon Disulfide	75-15-0	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Carbon Tetrachloride	56-23-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	CFC-11	75-69-4	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	CFC-12	75-71-8	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chlorobenzene	108-90-7	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chloroethane	75-00-3	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chloroform	67-66-3	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chloromethane	74-87-3	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Cis-1,2-Dichloroethene	156-59-2	8.9		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Cis-1,3-Dichloropropene	10061-01-5	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dibromochloromethane	124-48-1	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dibromomethane	74-95-3	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Ethylbenzene	100-41-4	4.1		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Hexachlorobutadiene	87-68-3	0.29	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Isopropylbenzene (Cumene)	98-82-8	0.56		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	m,p-Xylene		21		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Methylene Chloride	75-09-2	0.034		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Naphthalene	91-20-3	2.5		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	n-Butylbenzene	104-51-8	0.96		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	n-Propylbenzene	103-65-1	0.67		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	o-Xylene	95-47-6	14		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	p-Isopropyltoluene	99-87-6	1.2		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Sec-Butylbenzene	135-98-8	0.54		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Styrene	100-42-5	0.037		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Tert-Butylbenzene	98-06-6	0.042		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Tetrachloroethene	127-18-4	0.16		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Toluene	108-88-3	4.1		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Trans-1,2-Dichloroethene	156-60-5	0.21		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Trans-1,3-Dichloropropene	10061-02-6	0.071	U	mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Trichloroethene	79-01-6	0.17		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Vinyl Chloride	75-01-4	0.09		mg/Kg		SW8260B
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2,4-Trichlorobenzene	120-82-1	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,2-Dichlorobenzene	95-50-1	110	J	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	1,4-Dichlorobenzene	106-46-7	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2,4-Dimethylphenol	105-67-9	1300	R	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2-Methylnaphthalene	91-57-6	2000		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	2-Methylphenol	95-48-7	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	4-Methylphenol	106-44-5	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Acenaphthene	83-32-9	250	J	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Acenaphthylene	208-96-8	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Anthracene	120-12-7	330		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzo(a)anthracene	56-55-3	240	J	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzo(a)pyrene	50-32-8	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzo(b)fluoranthene	205-99-2	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzo(ghi)perylene	191-24-2	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzo(k)fluoranthene	207-08-9	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzoic Acid	65-85-0	4900	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Benzyl Alcohol	100-51-6	490	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Bis(2-Ethylhexyl) Phthalate	117-81-7	3700	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Butylbenzylphthalate	85-68-7	2200		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Chrysene	218-01-9	490		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dibenzo(a,h)anthracene	53-70-3	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dibenzofuran	132-64-9	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Diethylphthalate	84-66-2	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Dimethylphthalate	131-11-3	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Di-N-Butylphthalate	84-74-2	800	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Di-N-Octyl Phthalate	117-84-0	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Fluoranthene	206-44-0	460		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Fluorene	86-73-7	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Hexachlorobenzene	118-74-1	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Hexachlorobutadiene	87-68-3	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Indeno(1,2,3-cd)pyrene	193-39-5	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Naphthalene	91-20-3	1900		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	N-Nitrosodiphenylamine	86-30-6	250	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Pentachlorophenol	87-86-5	2300	J	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Phenanthrene	85-01-8	1300		ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Phenol	108-95-2	740	U	ug/Kg		SW8270C
Soil	SB-11	SB-11-2.5	2.5	9/28/2007	12:50	Pyrene	129-00-0	820		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Total Solids		89.3		%		EPA160.3M
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Diesel Range Organics		1300	J	mg/Kg		NWTPH-DX
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Residual Range Organics		3700	J	mg/Kg		NWTPH-DX
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Gasoline Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Arsenic	7440-38-2	7.2		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Cadmium	7440-43-9	14.6		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chromium	7440-47-3	212		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Copper	7440-50-8	111		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Lead	7439-92-1	1000	J	mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Silver	7440-22-4	0.191		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Zinc	7440-66-6	649		mg/Kg	Total	SW6020
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Mercury	7439-97-6	3.96		mg/Kg	Total	SW7471A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2,4'-DDD	53-19-0	93	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2,4'-DDE	3424-82-6	19	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2,4'-DDT	789-02-6	370		ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4,4'-DDD	72-54-8	51		ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4,4'-DDE	72-55-9	20	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4,4'-DDT	50-29-3	600		ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Aldrin	309-00-2	19	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chlordane	57-74-9	620	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dieldrin	60-57-1	35	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Heptachlor	76-44-8	19	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Lindane	58-89-9	19	U	ug/Kg		SW8081A
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	PCB-aroclor 1016	12674-11-2	99	U	ug/Kg		SW8082
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	PCB-aroclor 1248	12672-29-6	99	U	ug/Kg		SW8082
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	PCB-aroclor 1254	11097-69-1	4900		ug/Kg		SW8082
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	PCB-aroclor 1260	11096-82-5	99	U	ug/Kg		SW8082
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1,1,2-Tetrachloroethane	630-20-6	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1,1-Trichloroethane	71-55-6	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1,2,2-Tetrachloroethane	79-34-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1,2-Trichloroethane	79-00-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1-Dichloroethane	75-34-3	0.31		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1-Dichloroethene	75-35-4	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,1-Dichloropropene	563-58-6	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2,3-Trichlorobenzene	87-61-6	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2,3-Trichloropropane	96-18-4	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2,4-Trichlorobenzene	120-82-1	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2,4-Trimethylbenzene	95-63-6	0.23		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dibromo-3-Chloropropane	96-12-8	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dibromoethane (EDB)	106-93-4	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dichlorobenzene	95-50-1	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dichloroethane	107-06-2	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dichloropropane	78-87-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,3,5-Trimethylbenzene	108-67-8	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,3-Dichlorobenzene	541-73-1	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,3-Dichloropropane	142-28-9	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,4-Dichlorobenzene	106-46-7	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2,2-Dichloropropane	594-20-7	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2-Butanone	78-93-3	12		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2-Chlorotoluene	95-49-8	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2-Hexanone	591-78-6	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4-Chlorotoluene	106-43-4	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4-Methyl-2-Pentanone	108-10-1	2.8		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Acetone	67-64-1	48		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzene	71-43-2	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bromobenzene	108-86-1	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bromochloromethane	74-97-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bromodichloromethane	75-27-4	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bromoform	75-25-2	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bromomethane	74-83-9	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Carbon Disulfide	75-15-0	0.12		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Carbon Tetrachloride	56-23-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	CFC-11	75-69-4	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	CFC-12	75-71-8	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chlorobenzene	108-90-7	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chloroethane	75-00-3	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chloroform	67-66-3	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chloromethane	74-87-3	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Cis-1,2-Dichloroethene	156-59-2	7.8		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Cis-1,3-Dichloropropene	10061-01-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dibromochloromethane	124-48-1	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dibromomethane	74-95-3	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Ethylbenzene	100-41-4	0.23		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Hexachlorobutadiene	87-68-3	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Isopropylbenzene (Cumene)	98-82-8	17	U	ug/Kg		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	m,p-Xylene		1.3		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Methylene Chloride	75-09-2	0.44	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Naphthalene	91-20-3	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	n-Butylbenzene	104-51-8	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	n-Propylbenzene	103-65-1	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	o-Xylene	95-47-6	0.49		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	p-Isopropyltoluene	99-87-6	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Sec-Butylbenzene	135-98-8	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Styrene	100-42-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Tert-Butylbenzene	98-06-6	17	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Tetrachloroethene	127-18-4	1.5		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Toluene	108-88-3	1.7		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Trans-1,2-Dichloroethene	156-60-5	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Trans-1,3-Dichloropropene	10061-02-6	4.1	U	ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Trichloroethene	79-01-6	0.5		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Vinyl Chloride	75-01-4	1.4		ug/Kg		SW8260B
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2,4-Trichlorobenzene	120-82-1	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,2-Dichlorobenzene	95-50-1	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	1,4-Dichlorobenzene	106-46-7	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2,4-Dimethylphenol	105-67-9	500	R	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2-Methylnaphthalene	91-57-6	260		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	2-Methylphenol	95-48-7	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	4-Methylphenol	106-44-5	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Acenaphthene	83-32-9	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Acenaphthylene	208-96-8	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Anthracene	120-12-7	65	J	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzo(a)anthracene	56-55-3	74	J	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzo(a)pyrene	50-32-8	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzo(b)fluoranthene	205-99-2	130		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzo(ghi)perylene	191-24-2	130		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzo(k)fluoranthene	207-08-9	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzoic Acid	65-85-0	2000	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Benzyl Alcohol	100-51-6	200	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Bis(2-Ethylhexyl) Phthalate	117-81-7	1100	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Butylbenzylphthalate	85-68-7	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Chrysene	218-01-9	170		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dibenzo(a,h)anthracene	53-70-3	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dibenzofuran	132-64-9	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Diethylphthalate	84-66-2	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Dimethylphthalate	131-11-3	230		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Di-N-Butylphthalate	84-74-2	420	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Di-N-Octyl Phthalate	117-84-0	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Fluoranthene	206-44-0	120		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Fluorene	86-73-7	64	J	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Hexachlorobenzene	118-74-1	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Hexachlorobutadiene	87-68-3	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Indeno(1,2,3-cd)pyrene	193-39-5	100		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Naphthalene	91-20-3	360		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	N-Nitrosodiphenylamine	86-30-6	99	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Pentachlorophenol	87-86-5	2800		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Phenanthrene	85-01-8	160		ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Phenol	108-95-2	83	U	ug/Kg		SW8270C
Soil	SB-12	SB-12-1.5	1.5	9/28/2007	15:00	Pyrene	129-00-0	170		ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Total Solids		95.5		%		EPA160.3M
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Diesel Range Organics		1.8	U	mg/Kg		NWTPH-DX
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Residual Range Organics (RRO)		6.5	U	mg/Kg		NWTPH-DX
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Residual Range Organics (RRO)		100	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Arsenic	7440-38-2	1.7		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Cadmium	7440-43-9	0.118		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Chromium	7440-47-3	6.08		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Copper	7440-50-8	8.71		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Lead	7439-92-1	2.05		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Silver	7440-22-4	0.056		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Zinc	7440-66-6	42.1		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Mercury	7439-97-6	0.013		mg/Kg	Total	SW7471A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2,4'-DDD	53-19-0	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2,4'-DDE	3424-82-6	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2,4'-DDT	789-02-6	0.73	J	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	4,4'-DDD	72-54-8	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	4,4'-DDE	72-55-9	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	4,4'-DDT	50-29-3	1.3	J	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Aldrin	309-00-2	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Dieldrin	60-57-1	2.1		ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Heptachlor	76-44-8	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Lindane	58-89-9	0.99	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	PCB-aroclor 1016	12674-11-2	9.9	U	ug/Kg		SW8082
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	PCB-aroclor 1248	12672-29-6	9.9	U	ug/Kg		SW8082
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	PCB-aroclor 1254	11097-69-1	9.9	U	ug/Kg		SW8082
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	PCB-aroclor 1260	11096-82-5	8.4		ug/Kg		SW8082
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	1,2,4-Trichlorobenzene	120-82-1	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	1,2-Dichlorobenzene	95-50-1	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	1,4-Dichlorobenzene	106-46-7	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2,4-Dimethylphenol	105-67-9	47	R	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2-Methylnaphthalene	91-57-6	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	2-Methylphenol	95-48-7	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	4-Methylphenol	106-44-5	9.3	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Acenaphthene	83-32-9	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Acenaphthylene	208-96-8	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Anthracene	120-12-7	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzo(a)anthracene	56-55-3	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzo(a)pyrene	50-32-8	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzo(b)fluoranthene	205-99-2	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzo(ghi)perylene	191-24-2	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzo(k)fluoranthene	207-08-9	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzoic Acid	65-85-0	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Benzyl Alcohol	100-51-6	19	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Bis(2-Ethylhexyl) Phthalate	117-81-7	93	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Butylbenzylphthalate	85-68-7	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Chrysene	218-01-9	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Dibenzo(a,h)anthracene	53-70-3	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Dibenzofuran	132-64-9	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Diethylphthalate	84-66-2	2.5	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Dimethylphthalate	131-11-3	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Di-N-Butylphthalate	84-74-2	19	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Di-N-Octyl Phthalate	117-84-0	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Fluoranthene	206-44-0	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Fluorene	86-73-7	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Hexachlorobenzene	118-74-1	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Hexachlorobutadiene	87-68-3	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Indeno(1,2,3-cd)pyrene	193-39-5	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Naphthalene	91-20-3	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	N-Nitrosodiphenylamine	86-30-6	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Pentachlorophenol	87-86-5	93	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Phenanthrene	85-01-8	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Phenol	108-95-2	30	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-1	1	10/1/2007	8:50	Pyrene	129-00-0	9.3	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Total Solids		94.9		%		EPA160.3M
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Residual Range Organics (RRO)		100	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Arsenic	7440-38-2	1.3		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Cadmium	7440-43-9	0.135		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Chromium	7440-47-3	6.04		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Copper	7440-50-8	8.02		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Lead	7439-92-1	1.18		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Silver	7440-22-4	0.038		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Zinc	7440-66-6	30.6		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Mercury	7439-97-6	0.006		mg/Kg	Total	SW7471A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2,4'-DDD	53-19-0	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2,4'-DDE	3424-82-6	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2,4'-DDT	789-02-6	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	4,4'-DDD	72-54-8	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	4,4'-DDE	72-55-9	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	4,4'-DDT	50-29-3	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Aldrin	309-00-2	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Chlordane	57-74-9	10	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Dieldrin	60-57-1	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Heptachlor	76-44-8	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Lindane	58-89-9	1	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	PCB-aroclor 1016	12674-11-2	10	U	ug/Kg		SW8082
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	PCB-aroclor 1248	12672-29-6	10	U	ug/Kg		SW8082
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	PCB-aroclor 1254	11097-69-1	10	U	ug/Kg		SW8082
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	PCB-aroclor 1260	11096-82-5	10	U	ug/Kg		SW8082
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	1,2,4-Trichlorobenzene	120-82-1	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	1,2-Dichlorobenzene	95-50-1	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	1,4-Dichlorobenzene	106-46-7	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2,4-Dimethylphenol	105-67-9	49	R	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2-Methylnaphthalene	91-57-6	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	2-Methylphenol	95-48-7	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	4-Methylphenol	106-44-5	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Acenaphthene	83-32-9	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Acenaphthylene	208-96-8	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Anthracene	120-12-7	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzo(a)anthracene	56-55-3	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzo(a)pyrene	50-32-8	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzo(b)fluoranthene	205-99-2	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzo(ghi)perylene	191-24-2	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzo(k)fluoranthene	207-08-9	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Benzyl Alcohol	100-51-6	20	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Bis(2-Ethylhexyl) Phthalate	117-81-7	98	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Butylbenzylphthalate	85-68-7	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Chrysene	218-01-9	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Dibenzo(a,h)anthracene	53-70-3	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Dibenzofuran	132-64-9	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Diethylphthalate	84-66-2	9.7	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Dimethylphthalate	131-11-3	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Di-N-Butylphthalate	84-74-2	20	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Di-N-Octyl Phthalate	117-84-0	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Fluoranthene	206-44-0	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Fluorene	86-73-7	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Hexachlorobenzene	118-74-1	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Hexachlorobutadiene	87-68-3	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Indeno(1,2,3-cd)pyrene	193-39-5	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Naphthalene	91-20-3	9.8	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	N-Nitrosodiphenylamine	86-30-6	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Pentachlorophenol	87-86-5	98	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Phenanthrene	85-01-8	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Phenol	108-95-2	32	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-3.5	3.5	10/1/2007	9:05	Pyrene	129-00-0	9.8	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Total Solids		77.4		%		EPA160.3M
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Diesel Range Organics		950	J	mg/Kg		NWTPH-DX
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Residual Range Organics (RRO)		4700	J	mg/Kg		NWTPH-DX
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Gasoline Range Organics-NWTPH		1.6	U	mg/Kg		NWTPH-GX
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Gasoline Range Organics		200	U	mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Residual Range Organics (RRO)		D		mg/Kg		NWTPH-HCID
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Arsenic	7440-38-2	1.2		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Cadmium	7440-43-9	0.577		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Chromium	7440-47-3	21.5		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Copper	7440-50-8	5.43		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Lead	7439-92-1	33.9		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Silver	7440-22-4	0.057		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Zinc	7440-66-6	122		mg/Kg	Total	SW6020
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Mercury	7439-97-6	0.021		mg/Kg	Total	SW7471A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2,4'-DDD	53-19-0	280	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2,4'-DDE	3424-82-6	270	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2,4'-DDT	789-02-6	1300		ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	4,4'-DDD	72-54-8	100	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	4,4'-DDE	72-55-9	100	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	4,4'-DDT	50-29-3	1600	J	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Aldrin	309-00-2	100	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Chlordane	57-74-9	3200	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Dieldrin	60-57-1	120	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Heptachlor	76-44-8	100	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Lindane	58-89-9	100	U	ug/Kg		SW8081A
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	PCB-aroclor 1016	12674-11-2	1000	U	ug/Kg		SW8082
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	PCB-aroclor 1248	12672-29-6	1000	U	ug/Kg		SW8082
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	PCB-aroclor 1254	11097-69-1	13000		ug/Kg		SW8082
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	PCB-aroclor 1260	11096-82-5	1000	U	ug/Kg		SW8082
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	1,2,4-Trichlorobenzene	120-82-1	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	1,2-Dichlorobenzene	95-50-1	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	1,4-Dichlorobenzene	106-46-7	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2,4-Dimethylphenol	105-67-9	940	R	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2-Methylnaphthalene	91-57-6	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	2-Methylphenol	95-48-7	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	4-Methylphenol	106-44-5	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Acenaphthene	83-32-9	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Acenaphthylene	208-96-8	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Anthracene	120-12-7	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzo(a)anthracene	56-55-3	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzo(a)pyrene	50-32-8	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzo(b)fluoranthene	205-99-2	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzo(ghi)perylene	191-24-2	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzo(k)fluoranthene	207-08-9	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzoic Acid	65-85-0	3800	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Benzyl Alcohol	100-51-6	380	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Bis(2-Ethylhexyl) Phthalate	117-81-7	1900	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Butylbenzylphthalate	85-68-7	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Chrysene	218-01-9	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Dibenzo(a,h)anthracene	53-70-3	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Dibenzofuran	132-64-9	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Diethylphthalate	84-66-2	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Dimethylphthalate	131-11-3	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Di-N-Butylphthalate	84-74-2	380	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Di-N-Octyl Phthalate	117-84-0	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Fluoranthene	206-44-0	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Fluorene	86-73-7	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Hexachlorobenzene	118-74-1	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Hexachlorobutadiene	87-68-3	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Indeno(1,2,3-cd)pyrene	193-39-5	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Naphthalene	91-20-3	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	N-Nitrosodiphenylamine	86-30-6	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Pentachlorophenol	87-86-5	1900	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Phenanthrene	85-01-8	190	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Phenol	108-95-2	570	U	ug/Kg		SW8270C
Soil	SB-13	SB-13-7	7	10/1/2007	9:25	Pyrene	129-00-0	190	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Total Solids		90.5		%		EPA160.3M
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Diesel Range Organics		2100	J	mg/Kg		NWTPH-DX
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Residual Range Organics (RRO)		8200	J	mg/Kg		NWTPH-DX
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Gasoline Range Organics		200	U	mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Residual Range Organics (RRO)		D		mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Arsenic	7440-38-2	2.3		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Cadmium	7440-43-9	0.501		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Chromium	7440-47-3	24.2		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Copper	7440-50-8	9.72		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Lead	7439-92-1	198		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Silver	7440-22-4	0.064		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Zinc	7440-66-6	118		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Mercury	7439-97-6	0.327		mg/Kg	Total	SW7471A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2,4'-DDD	53-19-0	500	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2,4'-DDE	3424-82-6	77	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2,4'-DDT	789-02-6	770		ug/Kg		SW8081A

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	4,4'-DDD	72-54-8	580		ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	4,4'-DDE	72-55-9	370	J	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	4,4'-DDT	50-29-3	1100	J	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Aldrin	309-00-2	240		ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Chlordane	57-74-9	5000	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Dieldrin	60-57-1	920		ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Heptachlor	76-44-8	10	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Lindane	58-89-9	10	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	PCB-aroclor 1016	12674-11-2	100	U	ug/Kg		SW8082
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	PCB-aroclor 1248	12672-29-6	100	U	ug/Kg		SW8082
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	PCB-aroclor 1254	11097-69-1	5500		ug/Kg		SW8082
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	PCB-aroclor 1260	11096-82-5	5100		ug/Kg		SW8082
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	1,2,4-Trichlorobenzene	120-82-1	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	1,2-Dichlorobenzene	95-50-1	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	1,4-Dichlorobenzene	106-46-7	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2,4-Dimethylphenol	105-67-9	2400	R	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2-Methylnaphthalene	91-57-6	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	2-Methylphenol	95-48-7	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	4-Methylphenol	106-44-5	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Acenaphthene	83-32-9	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Acenaphthylene	208-96-8	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Anthracene	120-12-7	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzo(a)anthracene	56-55-3	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzo(a)pyrene	50-32-8	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzo(b)fluoranthene	205-99-2	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzo(ghi)perylene	191-24-2	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzo(k)fluoranthene	207-08-9	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzoic Acid	65-85-0	9600	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Benzyl Alcohol	100-51-6	960	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Bis(2-Ethylhexyl) Phthalate	117-81-7	4800	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Butylbenzylphthalate	85-68-7	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Chrysene	218-01-9	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Dibenzo(a,h)anthracene	53-70-3	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Dibenzofuran	132-64-9	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Diethylphthalate	84-66-2	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Dimethylphthalate	131-11-3	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Di-N-Butylphthalate	84-74-2	960	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Di-N-Octyl Phthalate	117-84-0	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Fluoranthene	206-44-0	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Fluorene	86-73-7	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Hexachlorobenzene	118-74-1	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Hexachlorobutadiene	87-68-3	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Indeno(1,2,3-cd)pyrene	193-39-5	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Naphthalene	91-20-3	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	N-Nitrosodiphenylamine	86-30-6	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Pentachlorophenol	87-86-5	4800	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Phenanthrene	85-01-8	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Phenol	108-95-2	1500	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-3	3	10/1/2007	8:45	Pyrene	129-00-0	480	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Total Solids		76.6		%		EPA160.3M
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Diesel Range Organics		3000	J	mg/Kg		NWTPH-DX
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Residual Range Organics (RRO)		8900	J	mg/Kg		NWTPH-DX
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Gasoline Range Organics-NWTPH		350	J	mg/Kg		NWTPH-GX
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Gasoline Range Organics		200	U	mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Residual Range Organics (RRO)		D		mg/Kg		NWTPH-HCID
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Arsenic	7440-38-2	1.6		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Cadmium	7440-43-9	0.159		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chromium	7440-47-3	22.1		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Copper	7440-50-8	9.88		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Lead	7439-92-1	18.2		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Silver	7440-22-4	0.058		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Zinc	7440-66-6	26.4		mg/Kg	Total	SW6020
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Mercury	7439-97-6	0.274		mg/Kg	Total	SW7471A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2,4'-DDD	53-19-0	98	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2,4'-DDE	3424-82-6	74	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2,4'-DDT	789-02-6	900		ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4,4'-DDD	72-54-8	130		ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4,4'-DDE	72-55-9	390	J	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4,4'-DDT	50-29-3	1200	J	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Aldrin	309-00-2	9400		ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chlordane	57-74-9	5000	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dieldrin	60-57-1	71	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Heptachlor	76-44-8	9.9	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Lindane	58-89-9	9.9	U	ug/Kg		SW8081A
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	PCB-aroclor 1016	12674-11-2	99	U	ug/Kg		SW8082
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	PCB-aroclor 1248	12672-29-6	99	U	ug/Kg		SW8082
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	PCB-aroclor 1254	11097-69-1	7000		ug/Kg		SW8082
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	PCB-aroclor 1260	11096-82-5	4900		ug/Kg		SW8082
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1,1,2-Tetrachloroethane	630-20-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1,1-Trichloroethane	71-55-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1,2,2-Tetrachloroethane	79-34-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1,2-Trichloroethane	79-00-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1-Dichloroethane	75-34-3	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1-Dichloroethene	75-35-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,1-Dichloropropene	563-58-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2,3-Trichlorobenzene	87-61-6	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2,3-Trichloropropane	96-18-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2,4-Trichlorobenzene	120-82-1	25	U	ug/Kg		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2,4-Trimethylbenzene	95-63-6	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dibromo-3-Chloropropane	96-12-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dibromoethane (EDB)	106-93-4	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dichlorobenzene	95-50-1	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dichloroethane	107-06-2	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dichloropropane	78-87-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,3,5-Trimethylbenzene	108-67-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,3-Dichlorobenzene	541-73-1	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,3-Dichloropropane	142-28-9	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,4-Dichlorobenzene	106-46-7	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2,2-Dichloropropane	594-20-7	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2-Butanone	78-93-3	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2-Chlorotoluene	95-49-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2-Hexanone	591-78-6	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4-Chlorotoluene	106-43-4	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4-Methyl-2-Pentanone	108-10-1	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Acetone	67-64-1	14	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzene	71-43-2	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bromobenzene	108-86-1	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bromochloromethane	74-97-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bromodichloromethane	75-27-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bromoform	75-25-2	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bromomethane	74-83-9	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Carbon Disulfide	75-15-0	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Carbon Tetrachloride	56-23-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	CFC-11	75-69-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	CFC-12	75-71-8	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chlorobenzene	108-90-7	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chloroethane	75-00-3	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chloroform	67-66-3	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chloromethane	74-87-3	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Cis-1,2-Dichloroethene	156-59-2	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Cis-1,3-Dichloropropene	10061-01-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dibromochloromethane	124-48-1	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dibromomethane	74-95-3	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Ethylbenzene	100-41-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Hexachlorobutadiene	87-68-3	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Isopropylbenzene (Cumene)	98-82-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	m,p-Xylene		6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Methylene Chloride	75-09-2	1	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Naphthalene	91-20-3	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	n-Butylbenzene	104-51-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	n-Propylbenzene	103-65-1	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	o-Xylene	95-47-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	p-Isopropyltoluene	99-87-6	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Sec-Butylbenzene	135-98-8	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Styrene	100-42-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Tert-Butylbenzene	98-06-6	25	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Tetrachloroethene	127-18-4	2		ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Toluene	108-88-3	0.89	J	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Trans-1,2-Dichloroethene	156-60-5	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Trans-1,3-Dichloropropene	10061-02-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Trichloroethene	79-01-6	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Vinyl Chloride	75-01-4	6.3	U	ug/Kg		SW8260B
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2,4-Trichlorobenzene	120-82-1	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,2-Dichlorobenzene	95-50-1	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	1,4-Dichlorobenzene	106-46-7	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2,4-Dimethylphenol	105-67-9	5000	R	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2-Methylnaphthalene	91-57-6	4500		ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	2-Methylphenol	95-48-7	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	4-Methylphenol	106-44-5	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Acenaphthene	83-32-9	510	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Acenaphthylene	208-96-8	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Anthracene	120-12-7	1200		ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzo(a)anthracene	56-55-3	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzo(a)pyrene	50-32-8	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzo(b)fluoranthene	205-99-2	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzo(ghi)perylene	191-24-2	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzo(k)fluoranthene	207-08-9	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzoic Acid	65-85-0	20000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Benzyl Alcohol	100-51-6	2000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Bis(2-Ethylhexyl) Phthalate	117-81-7	2000	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Butylbenzylphthalate	85-68-7	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Chrysene	218-01-9	530	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dibenzo(a,h)anthracene	53-70-3	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dibenzofuran	132-64-9	600	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Diethylphthalate	84-66-2	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Dimethylphthalate	131-11-3	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Di-N-Butylphthalate	84-74-2	2000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Di-N-Octyl Phthalate	117-84-0	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Fluoranthene	206-44-0	880	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Fluorene	86-73-7	1000		ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Hexachlorobenzene	118-74-1	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Hexachlorobutadiene	87-68-3	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Indeno(1,2,3-cd)pyrene	193-39-5	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Naphthalene	91-20-3	510	J	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	N-Nitrosodiphenylamine	86-30-6	1000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Pentachlorophenol	87-86-5	10000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Phenanthrene	85-01-8	2400		ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Phenol	108-95-2	3000	U	ug/Kg		SW8270C
Soil	SB-14	SB-14-7.5	7.5	10/1/2007	10:15	Pyrene	129-00-0	990	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Total Solids		75.1		%		EPA160.3M
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Diesel Range Organics		4100	J	mg/Kg		NWTPH-DX
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Residual Range Organics (RRO)		10000	J	mg/Kg		NWTPH-DX
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Gasoline Range Organics-NWTPH		150	J	mg/Kg		NWTPH-GX
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Gasoline Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Residual Range Organics (RRO)		D		mg/Kg		NWTPH-HCID
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Arsenic	7440-38-2	4.5		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Cadmium	7440-43-9	4.97		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chromium	7440-47-3	192		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Copper	7440-50-8	69.6		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Lead	7439-92-1	1030		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Silver	7440-22-4	0.136		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Zinc	7440-66-6	515		mg/Kg	Total	SW6020
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Mercury	7439-97-6	5.81		mg/Kg	Total	SW7471A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2,4'-DDD	53-19-0	280	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2,4'-DDE	3424-82-6	240	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2,4'-DDT	789-02-6	1300		ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4,4'-DDD	72-54-8	200		ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4,4'-DDE	72-55-9	180	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4,4'-DDT	50-29-3	1500	J	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Aldrin	309-00-2	760		ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chlordane	57-74-9	2700	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dieldrin	60-57-1	100	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Heptachlor	76-44-8	100	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Lindane	58-89-9	100	U	ug/Kg		SW8081A
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	PCB-aroclor 1016	12674-11-2	1000	U	ug/Kg		SW8082
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	PCB-aroclor 1248	12672-29-6	1000	U	ug/Kg		SW8082
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	PCB-aroclor 1254	11097-69-1	12000		ug/Kg		SW8082
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	PCB-aroclor 1260	11096-82-5	1000	U	ug/Kg		SW8082
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1,1,2-Tetrachloroethane	630-20-6	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1,1-Trichloroethane	71-55-6	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1,2,2-Tetrachloroethane	79-34-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1,2-Trichloroethane	79-00-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1-Dichloroethane	75-34-3	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1-Dichloroethene	75-35-4	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,1-Dichloropropene	563-58-6	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2,3-Trichlorobenzene	87-61-6	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2,3-Trichloropropane	96-18-4	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2,4-Trichlorobenzene	120-82-1	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2,4-Trimethylbenzene	95-63-6	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dibromo-3-Chloropropane	96-12-8	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dibromoethane (EDB)	106-93-4	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dichlorobenzene	95-50-1	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dichloroethane	107-06-2	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dichloropropane	78-87-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,3,5-Trimethylbenzene	108-67-8	58	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,3-Dichlorobenzene	541-73-1	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,3-Dichloropropane	142-28-9	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,4-Dichlorobenzene	106-46-7	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2,2-Dichloropropane	594-20-7	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2-Butanone	78-93-3	6.1	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2-Chlorotoluene	95-49-8	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2-Hexanone	591-78-6	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4-Chlorotoluene	106-43-4	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4-Methyl-2-Pentanone	108-10-1	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Acetone	67-64-1	44	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzene	71-43-2	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bromobenzene	108-86-1	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bromochloromethane	74-97-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bromodichloromethane	75-27-4	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bromoform	75-25-2	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bromomethane	74-83-9	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Carbon Disulfide	75-15-0	0.67	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Carbon Tetrachloride	56-23-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	CFC-11	75-69-4	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	CFC-12	75-71-8	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chlorobenzene	108-90-7	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chloroethane	75-00-3	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chloroform	67-66-3	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chloromethane	74-87-3	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Cis-1,2-Dichloroethene	156-59-2	0.54	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Cis-1,3-Dichloropropene	10061-01-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dibromochloromethane	124-48-1	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dibromomethane	74-95-3	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Ethylbenzene	100-41-4	7.8	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Hexachlorobutadiene	87-68-3	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Isopropylbenzene (Cumene)	98-82-8	10	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	m,p-Xylene		4.6	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Methylene Chloride	75-09-2	0.97	UJ	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Naphthalene	91-20-3	12	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	n-Butylbenzene	104-51-8	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	n-Propylbenzene	103-65-1	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	o-Xylene	95-47-6	1.3	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	p-Isopropyltoluene	99-87-6	39	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Sec-Butylbenzene	135-98-8	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Styrene	100-42-5	7.5	U	ug/Kg		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Tert-Butylbenzene	98-06-6	30	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Tetrachloroethene	127-18-4	0.73	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Toluene	108-88-3	2.3	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Trans-1,2-Dichloroethene	156-60-5	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Trans-1,3-Dichloropropene	10061-02-6	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Trichloroethene	79-01-6	7.5	U	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Vinyl Chloride	75-01-4	2.7	J	ug/Kg		SW8260B
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2,4-Trichlorobenzene	120-82-1	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,2-Dichlorobenzene	95-50-1	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	1,4-Dichlorobenzene	106-46-7	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2,4-Dimethylphenol	105-67-9	5000	R	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2-Methylnaphthalene	91-57-6	1100		ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	2-Methylphenol	95-48-7	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	4-Methylphenol	106-44-5	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Acenaphthene	83-32-9	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Acenaphthylene	208-96-8	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Anthracene	120-12-7	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzo(a)anthracene	56-55-3	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzo(a)pyrene	50-32-8	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzo(b)fluoranthene	205-99-2	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzo(ghi)perylene	191-24-2	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzo(k)fluoranthene	207-08-9	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzoic Acid	65-85-0	20000	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Benzyl Alcohol	100-51-6	2000	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Bis(2-Ethylhexyl) Phthalate	117-81-7	2800	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Butylbenzylphthalate	85-68-7	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Chrysene	218-01-9	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dibenzo(a,h)anthracene	53-70-3	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dibenzofuran	132-64-9	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Diethylphthalate	84-66-2	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Dimethylphthalate	131-11-3	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Di-N-Butylphthalate	84-74-2	1300	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Di-N-Octyl Phthalate	117-84-0	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Fluoranthene	206-44-0	300	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Fluorene	86-73-7	390	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Hexachlorobenzene	118-74-1	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Hexachlorobutadiene	87-68-3	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Indeno(1,2,3-cd)pyrene	193-39-5	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Naphthalene	91-20-3	360	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	N-Nitrosodiphenylamine	86-30-6	990	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Pentachlorophenol	87-86-5	9900	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Phenanthrene	85-01-8	980	J	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Phenol	108-95-2	3000	U	ug/Kg		SW8270C
Soil	SB-15	SB-15-3.5	3.5	10/1/2007	12:40	Pyrene	129-00-0	500	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Total Solids		82.2		%		EPA160.3M
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Diesel Range Organics		12000	J	mg/Kg		NWTPH-DX
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Residual Range Organics (RRO)		27000	J	mg/Kg		NWTPH-DX
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Gasoline Range Organics		D		mg/Kg		NWTPH-HCID
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Residual Range Organics (RRO)		D		mg/Kg		NWTPH-HCID
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Arsenic	7440-38-2	9.4		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Cadmium	7440-43-9	23.5		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chromium	7440-47-3	415		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Copper	7440-50-8	132		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Lead	7439-92-1	3180		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Silver	7440-22-4	0.23		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Zinc	7440-66-6	1510		mg/Kg	Total	SW6020
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Mercury	7439-97-6	25.2		mg/Kg	Total	SW7471A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2,4'-DDD	53-19-0	670	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2,4'-DDE	3424-82-6	590	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2,4'-DDT	789-02-6	3600	J	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4,4'-DDD	72-54-8	530		ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4,4'-DDE	72-55-9	300	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4,4'-DDT	50-29-3	4000	J	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Aldrin	309-00-2	1900		ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chlordane	57-74-9	5200	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dieldrin	60-57-1	100	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Heptachlor	76-44-8	100	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Lindane	58-89-9	100	U	ug/Kg		SW8081A
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	PCB-aroclor 1016	12674-11-2	1000	U	ug/Kg		SW8082
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	PCB-aroclor 1248	12672-29-6	1000	U	ug/Kg		SW8082
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	PCB-aroclor 1254	11097-69-1	36000		ug/Kg		SW8082
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	PCB-aroclor 1260	11096-82-5	1000	U	ug/Kg		SW8082
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1,1,2-Tetrachloroethane	630-20-6	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1,1-Trichloroethane	71-55-6	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1,2,2-Tetrachloroethane	79-34-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1,2-Trichloroethane	79-00-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1-Dichloroethane	75-34-3	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1-Dichloroethene	75-35-4	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,1-Dichloropropene	563-58-6	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2,3-Trichlorobenzene	87-61-6	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2,3-Trichloropropane	96-18-4	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2,4-Trichlorobenzene	120-82-1	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2,4-Trimethylbenzene	95-63-6	17		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dibromo-3-Chloropropane	96-12-8	0.27	UJ	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dibromoethane (EDB)	106-93-4	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dichlorobenzene	95-50-1	0.31		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dichloroethane	107-06-2	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dichloropropane	78-87-5	0.068	U	mg/Kg		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,3,5-Trimethylbenzene	108-67-8	6.6		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,3-Dichlorobenzene	541-73-1	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,3-Dichloropropane	142-28-9	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,4-Dichlorobenzene	106-46-7	0.038		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2,2-Dichloropropane	594-20-7	0.068	UJ	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2-Butanone	78-93-3	0.62		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2-Chlorotoluene	95-49-8	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2-Hexanone	591-78-6	2.7	R	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4-Chlorotoluene	106-43-4	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4-Methyl-2-Pentanone	108-10-1	0.66	J	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Acetone	67-64-1	0.58	UJ	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzene	71-43-2	0.078		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bromobenzene	108-86-1	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bromochloromethane	74-97-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bromodichloromethane	75-27-4	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bromoform	75-25-2	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bromomethane	74-83-9	0.068	UJ	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Carbon Disulfide	75-15-0	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Carbon Tetrachloride	56-23-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	CFC-11	75-69-4	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	CFC-12	75-71-8	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chlorobenzene	108-90-7	0.046		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chloroethane	75-00-3	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chloroform	67-66-3	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chloromethane	74-87-3	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Cis-1,2-Dichloroethene	156-59-2	11		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Cis-1,3-Dichloropropene	10061-01-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dibromochloromethane	124-48-1	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dibromomethane	74-95-3	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Ethylbenzene	100-41-4	9.3		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Hexachlorobutadiene	87-68-3	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Isopropylbenzene (Cumene)	98-82-8	1.7		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	m,p-Xylene		44		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Methylene Chloride	75-09-2	0.27	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Naphthalene	91-20-3	2.4		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	n-Butylbenzene	104-51-8	2		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	n-Propylbenzene	103-65-1	1.8		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	o-Xylene	95-47-6	24		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	p-Isopropyltoluene	99-87-6	2.6		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Sec-Butylbenzene	135-98-8	1.2		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Styrene	100-42-5	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Tert-Butylbenzene	98-06-6	0.087		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Tetrachloroethene	127-18-4	0.17		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Toluene	108-88-3	7.2		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Trans-1,2-Dichloroethene	156-60-5	0.098		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Trans-1,3-Dichloropropene	10061-02-6	0.068	U	mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Trichloroethene	79-01-6	0.15		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Vinyl Chloride	75-01-4	0.87		mg/Kg		SW8260B
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2,4-Trichlorobenzene	120-82-1	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,2-Dichlorobenzene	95-50-1	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	1,4-Dichlorobenzene	106-46-7	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2,4-Dimethylphenol	105-67-9	4600	R	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2-Methylnaphthalene	91-57-6	3000		ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	2-Methylphenol	95-48-7	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	4-Methylphenol	106-44-5	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Acenaphthene	83-32-9	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Acenaphthylene	208-96-8	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Anthracene	120-12-7	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzo(a)anthracene	56-55-3	220	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzo(a)pyrene	50-32-8	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzo(b)fluoranthene	205-99-2	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzo(ghi)perylene	191-24-2	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzo(k)fluoranthene	207-08-9	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzoic Acid	65-85-0	19000	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Benzyl Alcohol	100-51-6	1900	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Bis(2-Ethylhexyl) Phthalate	117-81-7	7000	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Butylbenzylphthalate	85-68-7	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Chrysene	218-01-9	390	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dibenzo(a,h)anthracene	53-70-3	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dibenzofuran	132-64-9	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Diethylphthalate	84-66-2	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Dimethylphthalate	131-11-3	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Di-N-Butylphthalate	84-74-2	1100	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Di-N-Octyl Phthalate	117-84-0	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Fluoranthene	206-44-0	500	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Fluorene	86-73-7	670	J	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Hexachlorobenzene	118-74-1	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Hexachlorobutadiene	87-68-3	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Indeno(1,2,3-cd)pyrene	193-39-5	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Naphthalene	91-20-3	1700		ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	N-Nitrosodiphenylamine	86-30-6	920	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Pentachlorophenol	87-86-5	9200	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Phenanthrene	85-01-8	1400		ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Phenol	108-95-2	2800	U	ug/Kg		SW8270C
Soil	SB-16	SB-16-3.5	3.5	10/1/2007	14:20	Pyrene	129-00-0	810	J	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Total Solids		85		%		EPA160.3M
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Diesel Range Organics		26		mg/Kg		NWTPH-DX
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Residual Range Organics		240	J	mg/Kg		NWTPH-DX
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Arsenic	7440-38-2	4.9		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Cadmium	7440-43-9	0.216		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Chromium	7440-47-3	16.2		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Copper	7440-50-8	249		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Lead	7439-92-1	55.9		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Silver	7440-22-4	0.082		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Zinc	7440-66-6	109		mg/Kg	Total	SW6020
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Mercury	7439-97-6	0.208		mg/Kg	Total	SW7471A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2,4'-DDD	53-19-0	8.5	J	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2,4'-DDE	3424-82-6	0.79	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2,4'-DDT	789-02-6	4	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	4,4'-DDD	72-54-8	3.8		ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	4,4'-DDE	72-55-9	0.9	J	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	4,4'-DDT	50-29-3	27	J	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Aldrin	309-00-2	0.79	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Chlordane	57-74-9	9.9	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Dieldrin	60-57-1	0.79	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Heptachlor	76-44-8	0.79	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Lindane	58-89-9	0.79	U	ug/Kg		SW8081A
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	PCB-aroclor 1016	12674-11-2	7.9	U	ug/Kg		SW8082
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	PCB-aroclor 1248	12672-29-6	7.9	U	ug/Kg		SW8082
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	PCB-aroclor 1254	11097-69-1	7.9	U	ug/Kg		SW8082
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	PCB-aroclor 1260	11096-82-5	170		ug/Kg		SW8082
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	1,2,4-Trichlorobenzene	120-82-1	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	1,2-Dichlorobenzene	95-50-1	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	1,4-Dichlorobenzene	106-46-7	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2,4-Dimethylphenol	105-67-9	48	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2-Methylnaphthalene	91-57-6	4.4	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	2-Methylphenol	95-48-7	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	4-Methylphenol	106-44-5	8.4		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Acenaphthene	83-32-9	4.2	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Acenaphthylene	208-96-8	6.2	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Anthracene	120-12-7	11	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzo(a)anthracene	56-55-3	58		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzo(a)pyrene	50-32-8	76		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzo(b)fluoranthene	205-99-2	140		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzo(ghi)perylene	191-24-2	92		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzo(k)fluoranthene	207-08-9	50		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzoic Acid	65-85-0	170		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Benzyl Alcohol	100-51-6	48		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	330		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Butylbenzylphthalate	85-68-7	140		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Chrysene	218-01-9	120		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Dibenzo(a,h)anthracene	53-70-3	15		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Dibenzofuran	132-64-9	3.7		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Diethylphthalate	84-66-2	3.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Dimethylphthalate	131-11-3	620		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Di-N-Butylphthalate	84-74-2	170		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Di-N-Octyl Phthalate	117-84-0	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Fluoranthene	206-44-0	170		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Fluorene	86-73-7	4.6		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Hexachlorobenzene	118-74-1	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Hexachlorobutadiene	87-68-3	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Indeno(1,2,3-cd)pyrene	193-39-5	98		ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Naphthalene	91-20-3	5.8	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	N-Nitrosodiphenylamine	86-30-6	9.5	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Pentachlorophenol	87-86-5	95	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Phenanthrene	85-01-8	77	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Phenol	108-95-2	55	U	ug/Kg		SW8270C
Soil	Trans-A-Bot	Trans-A-Bot		10/8/2007	10:30	Pyrene	129-00-0	170	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Total Solids		42.4		%		EPA160.3M
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Diesel Range Organics		87	J	mg/Kg		NWTPH-DX
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Residual Range Organics		490	J	mg/Kg		NWTPH-DX
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Arsenic	7440-38-2	13	J	mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Cadmium	7440-43-9	0.201		mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Chromium	7440-47-3	25.5		mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Copper	7440-50-8	42.5	J	mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Lead	7439-92-1	50		mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Silver	7440-22-4	0.306		mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Zinc	7440-66-6	83.8	J	mg/Kg	Total	SW6020
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Mercury	7439-97-6	0.303		mg/Kg	Total	SW7471A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2,4'-DDD	53-19-0	78	J	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2,4'-DDE	3424-82-6	7	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2,4'-DDT	789-02-6	49	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	4,4'-DDD	72-54-8	1.6		ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	4,4'-DDE	72-55-9	3.4	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	4,4'-DDT	50-29-3	160	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Aldrin	309-00-2	46	J	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Chlordane	57-74-9	12	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Dieldrin	60-57-1	1.8	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Heptachlor	76-44-8	1.2	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Lindane	58-89-9	2	U	ug/Kg		SW8081A
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	PCB-aroclor 1016	12674-11-2	59	U	ug/Kg		SW8082
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	PCB-aroclor 1248	12672-29-6	87	U	ug/Kg		SW8082

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	PCB-aroclor 1254	11097-69-1	59	U	ug/Kg		SW8082
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	PCB-aroclor 1260	11096-82-5	1700		ug/Kg		SW8082
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	1,2,4-Trichlorobenzene	120-82-1	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	1,2-Dichlorobenzene	95-50-1	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	1,4-Dichlorobenzene	106-46-7	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2,4-Dimethylphenol	105-67-9	59	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2-Methylnaphthalene	91-57-6	9.2		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	2-Methylphenol	95-48-7	2.3		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	4-Methylphenol	106-44-5	7		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Acenaphthene	83-32-9	4		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Acenaphthylene	208-96-8	13		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Anthracene	120-12-7	31		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzo(a)anthracene	56-55-3	84		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzo(a)pyrene	50-32-8	93		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzo(b)fluoranthene	205-99-2	160		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzo(ghi)perylene	191-24-2	63		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzo(k)fluoranthene	207-08-9	54	J	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzoic Acid	65-85-0	240	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Benzyl Alcohol	100-51-6	30	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	120		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Butylbenzylphthalate	85-68-7	36		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Chrysene	218-01-9	160		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Dibenzo(a,h)anthracene	53-70-3	15		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Dibenzofuran	132-64-9	4.9		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Diethylphthalate	84-66-2	6.3	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Dimethylphthalate	131-11-3	48		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Di-N-Butylphthalate	84-74-2	21		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Di-N-Octyl Phthalate	117-84-0	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Fluoranthene	206-44-0	180		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Fluorene	86-73-7	6.8		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Hexachlorobenzene	118-74-1	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Hexachlorobutadiene	87-68-3	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Indeno(1,2,3-cd)pyrene	193-39-5	70		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Naphthalene	91-20-3	11		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	N-Nitrosodiphenylamine	86-30-6	12	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Pentachlorophenol	87-86-5	120	U	ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Phenanthrene	85-01-8	63		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Phenol	108-95-2	18		ug/Kg		SW8270C
Soil	Trans-A-Sed	Trans-A-Sed		3/12/2008	15:30	Pyrene	129-00-0	150		ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Total Solids		91.6		%		EPA160.3M
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Diesel Range Organics		1300	J	mg/Kg		NWTPH-DX
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Residual Range Organics		360	J	mg/Kg		NWTPH-DX
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Arsenic	7440-38-2	4.9		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Cadmium	7440-43-9	0.442		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Chromium	7440-47-3	16.4		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Copper	7440-50-8	74.6		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Lead	7439-92-1	39.7		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Silver	7440-22-4	0.191		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Zinc	7440-66-6	250		mg/Kg	Total	SW6020
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Mercury	7439-97-6	0.07		mg/Kg	Total	SW7471A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2,4'-DDD	53-19-0	1.8		ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2,4'-DDE	3424-82-6	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2,4'-DDT	789-02-6	6.3	J	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	4,4'-DDD	72-54-8	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	4,4'-DDE	72-55-9	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	4,4'-DDT	50-29-3	5.3	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Aldrin	309-00-2	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Chlordane	57-74-9	15	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Dieldrin	60-57-1	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Heptachlor	76-44-8	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Lindane	58-89-9	1.5	U	ug/Kg		SW8081A
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	PCB-aroclor 1016	12674-11-2	7.3	U	ug/Kg		SW8082
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	PCB-aroclor 1248	12672-29-6	7.3	U	ug/Kg		SW8082
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	PCB-aroclor 1254	11097-69-1	7.3	U	ug/Kg		SW8082
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	PCB-aroclor 1260	11096-82-5	73		ug/Kg		SW8082
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	1,2,4-Trichlorobenzene	120-82-1	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	1,2-Dichlorobenzene	95-50-1	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	1,4-Dichlorobenzene	106-46-7	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2,4-Dimethylphenol	105-67-9	940	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2-Methylnaphthalene	91-57-6	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	2-Methylphenol	95-48-7	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	4-Methylphenol	106-44-5	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Acenaphthene	83-32-9	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Acenaphthylene	208-96-8	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Anthracene	120-12-7	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzo(a)anthracene	56-55-3	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzo(a)pyrene	50-32-8	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzo(b)fluoranthene	205-99-2	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzo(ghi)perylene	191-24-2	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzo(k)fluoranthene	207-08-9	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzoic Acid	65-85-0	3800	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Benzyl Alcohol	100-51-6	380	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Bis(2-Ethylhexyl) Phthalate	117-81-7	310	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Butylbenzylphthalate	85-68-7	260		ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Chrysene	218-01-9	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Dibenzo(a,h)anthracene	53-70-3	190	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Dibenzofuran	132-64-9	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Diethylphthalate	84-66-2	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Dimethylphthalate	131-11-3	740		ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Di-N-Butylphthalate	84-74-2	380	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Di-N-Octyl Phthalate	117-84-0	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Fluoranthene	206-44-0	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Fluorene	86-73-7	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Hexachlorobenzene	118-74-1	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Hexachlorobutadiene	87-68-3	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Indeno(1,2,3-cd)pyrene	193-39-5	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Naphthalene	91-20-3	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	N-Nitrosodiphenylamine	86-30-6	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Pentachlorophenol	87-86-5	1900	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Phenanthrene	85-01-8	190	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Phenol	108-95-2	560	U	ug/Kg		SW8270C
Soil	Trans-A-Top	Trans-A-Top		10/9/2007	12:00	Pyrene	129-00-0	190	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Total Solids		85.6		%		EPA160.3M
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Diesel Range Organics		50	U	mg/Kg		NWTPH-HCID
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Residual Range Organics		100	U	mg/Kg		NWTPH-HCID
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Arsenic	7440-38-2	2.5		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Cadmium	7440-43-9	0.218		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Chromium	7440-47-3	20.8		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Copper	7440-50-8	146		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Lead	7439-92-1	25.2		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Silver	7440-22-4	0.137		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Zinc	7440-66-6	83.4		mg/Kg	Total	SW6020
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Mercury	7439-97-6	0.023		mg/Kg	Total	SW7471A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2,4'-DDD	53-19-0	3.7		ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2,4'-DDE	3424-82-6	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2,4'-DDT	789-02-6	2.1	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	4,4'-DDD	72-54-8	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	4,4'-DDE	72-55-9	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	4,4'-DDT	50-29-3	17	J	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Aldrin	309-00-2	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Chlordane	57-74-9	7.8	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Dieldrin	60-57-1	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Heptachlor	76-44-8	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Lindane	58-89-9	0.78	U	ug/Kg		SW8081A
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	PCB-aroclor 1016	12674-11-2	7.8	U	ug/Kg		SW8082
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	PCB-aroclor 1248	12672-29-6	7.8	U	ug/Kg		SW8082
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	PCB-aroclor 1254	11097-69-1	7.8	U	ug/Kg		SW8082
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	PCB-aroclor 1260	11096-82-5	130		ug/Kg		SW8082
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	1,2,4-Trichlorobenzene	120-82-1	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	1,2-Dichlorobenzene	95-50-1	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	1,4-Dichlorobenzene	106-46-7	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2,4-Dimethylphenol	105-67-9	49	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2-Methylnaphthalene	91-57-6	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	2-Methylphenol	95-48-7	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	4-Methylphenol	106-44-5	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Acenaphthene	83-32-9	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Acenaphthylene	208-96-8	1.9	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Anthracene	120-12-7	3	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzo(a)anthracene	56-55-3	12	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzo(a)pyrene	50-32-8	16	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzo(b)fluoranthene	205-99-2	26	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzo(ghi)perylene	191-24-2	20	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzo(k)fluoranthene	207-08-9	9	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzoic Acid	65-85-0	200	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Benzyl Alcohol	100-51-6	11		ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Bis(2-Ethylhexyl) Phthalate	117-81-7	76	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Butylbenzylphthalate	85-68-7	18		ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Chrysene	218-01-9	24	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Dibenzo(a,h)anthracene	53-70-3	4.2		ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Dibenzofuran	132-64-9	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Diethylphthalate	84-66-2	2	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Dimethylphthalate	131-11-3	80		ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Di-N-Butylphthalate	84-74-2	28	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Di-N-Octyl Phthalate	117-84-0	6.7		ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Fluoranthene	206-44-0	30	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Fluorene	86-73-7	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Hexachlorobenzene	118-74-1	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Hexachlorobutadiene	87-68-3	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Indeno(1,2,3-cd)pyrene	193-39-5	17	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Naphthalene	91-20-3	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	N-Nitrosodiphenylamine	86-30-6	9.8	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Pentachlorophenol	87-86-5	98	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Phenanthrene	85-01-8	11	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Phenol	108-95-2	28	U	ug/Kg		SW8270C
Soil	Trans-B-Bot	Trans-B-Bot		10/8/2007	10:45	Pyrene	129-00-0	30	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Total Solids		83.2		%		EPA160.3M
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Diesel Range Organics		160	J	mg/Kg		NWTPH-DX
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Residual Range Organics		620	J	mg/Kg		NWTPH-DX
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Gasoline Range Organics		5.1	U	mg/Kg		NWTPH-GX
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:00	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:00	Gasoline Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:00	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Arsenic	7440-38-2	10.8		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Cadmium	7440-43-9	1.08		mg/Kg	Total	SW6020

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Chromium	7440-47-3	22.2		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Copper	7440-50-8	1020		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Lead	7439-92-1	121		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Silver	7440-22-4	0.191		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Zinc	7440-66-6	528		mg/Kg	Total	SW6020
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Mercury	7439-97-6	0.187		mg/Kg	Total	SW7471A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2,4'-DDD	53-19-0	7.3	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2,4'-DDE	3424-82-6	0.79	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2,4'-DDT	789-02-6	27	J	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	4,4'-DDD	72-54-8	6		ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	4,4'-DDE	72-55-9	0.79	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	4,4'-DDT	50-29-3	95	J	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Aldrin	309-00-2	0.79	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Chlordane	57-74-9	22	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Dieldrin	60-57-1	2.1	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Heptachlor	76-44-8	0.79	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Lindane	58-89-9	0.79	U	ug/Kg		SW8081A
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	PCB-aroclor 1016	12674-11-2	7.9	U	ug/Kg		SW8082
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	PCB-aroclor 1248	12672-29-6	7.9	U	ug/Kg		SW8082
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	PCB-aroclor 1254	11097-69-1	7.9	U	ug/Kg		SW8082
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	PCB-aroclor 1260	11096-82-5	320		ug/Kg		SW8082
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	1,2,4-Trichlorobenzene	120-82-1	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	1,2-Dichlorobenzene	95-50-1	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	1,4-Dichlorobenzene	106-46-7	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2,4-Dimethylphenol	105-67-9	240	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2-Methylnaphthalene	91-57-6	14	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	2-Methylphenol	95-48-7	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	4-Methylphenol	106-44-5	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Acenaphthene	83-32-9	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Acenaphthylene	208-96-8	15	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Anthracene	120-12-7	35	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzo(a)anthracene	56-55-3	190	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzo(a)pyrene	50-32-8	250	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzo(b)fluoranthene	205-99-2	510		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzo(ghi)perylene	191-24-2	290		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzo(k)fluoranthene	207-08-9	160		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzoic Acid	65-85-0	720	J	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Benzyl Alcohol	100-51-6	940		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	2300		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Butylbenzylphthalate	85-68-7	410		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Chrysene	218-01-9	420	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Dibenzo(a,h)anthracene	53-70-3	64		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Dibenzofuran	132-64-9	8.3	J	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Diethylphthalate	84-66-2	39	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Dimethylphthalate	131-11-3	3700		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Di-N-Butylphthalate	84-74-2	430	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Di-N-Octyl Phthalate	117-84-0	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Fluoranthene	206-44-0	360	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Fluorene	86-73-7	12	J	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Hexachlorobenzene	118-74-1	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Hexachlorobutadiene	87-68-3	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Indeno(1,2,3-cd)pyrene	193-39-5	330		ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Naphthalene	91-20-3	17	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	N-Nitrosodiphenylamine	86-30-6	48	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Pentachlorophenol	87-86-5	480	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Phenanthrene	85-01-8	130	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Phenol	108-95-2	250	U	ug/Kg		SW8270C
Soil	Trans-B-Top	Trans-B-Top		10/9/2007	12:30	Pyrene	129-00-0	380	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Total Solids		36.4		%		EPA160.3M
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Diesel Range Organics		98	J	mg/Kg		NWTPH-DX
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Residual Range Organics		570	J	mg/Kg		NWTPH-DX
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Diesel Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Gasoline Range Organics		20	U	mg/Kg		NWTPH-HCID
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Residual Range Organics		D		mg/Kg		NWTPH-HCID
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Arsenic	7440-38-2	18.5	J	mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Cadmium	7440-43-9	0.311		mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Chromium	7440-47-3	28.7		mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Copper	7440-50-8	66.9	J	mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Lead	7439-92-1	37.7		mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Silver	7440-22-4	0.447		mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Zinc	7440-66-6	104	J	mg/Kg	Total	SW6020
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Mercury	7439-97-6	0.154		mg/Kg	Total	SW7471A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2,4'-DDD	53-19-0	13		ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2,4'-DDE	3424-82-6	2.1	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2,4'-DDT	789-02-6	8.2	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	4,4'-DDD	72-54-8	1.2		ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	4,4'-DDE	72-55-9	1.4	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	4,4'-DDT	50-29-3	51	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Aldrin	309-00-2	1.4	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Chlordane	57-74-9	34	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Dieldrin	60-57-1	1.5	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Heptachlor	76-44-8	1.4	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Lindane	58-89-9	2.2	U	ug/Kg		SW8081A
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	PCB-aroclor 1016	12674-11-2	14	U	ug/Kg		SW8082
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	PCB-aroclor 1248	12672-29-6	33		ug/Kg		SW8082
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	PCB-aroclor 1254	11097-69-1	14	U	ug/Kg		SW8082
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	PCB-aroclor 1260	11096-82-5	650		ug/Kg		SW8082
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	1,2,4-Trichlorobenzene	120-82-1	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	1,2-Dichlorobenzene	95-50-1	14	U	ug/Kg		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	1,4-Dichlorobenzene	106-46-7	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2,4-Dimethylphenol	105-67-9	69	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2-Methylnaphthalene	91-57-6	4.7		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	2-Methylphenol	95-48-7	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	4-Methylphenol	106-44-5	7.1		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Acenaphthene	83-32-9	7		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Acenaphthylene	208-96-8	11		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Anthracene	120-12-7	34		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzo(a)anthracene	56-55-3	97		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzo(a)pyrene	50-32-8	100		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzo(b)fluoranthene	205-99-2	170		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzo(ghi)perylene	191-24-2	81		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzo(k)fluoranthene	207-08-9	61	J	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzoic Acid	65-85-0	280	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Benzyl Alcohol	100-51-6	87		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Bis(2-Ethylhexyl) Phthalate	117-81-7	200		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Butylbenzylphthalate	85-68-7	49		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Chrysene	218-01-9	190		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Dibenzo(a,h)anthracene	53-70-3	20		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Dibenzofuran	132-64-9	4.4		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Diethylphthalate	84-66-2	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Dimethylphthalate	131-11-3	160		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Di-N-Butylphthalate	84-74-2	39		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Di-N-Octyl Phthalate	117-84-0	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Fluoranthene	206-44-0	230		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Fluorene	86-73-7	11		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Hexachlorobenzene	118-74-1	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Hexachlorobutadiene	87-68-3	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Indeno(1,2,3-cd)pyrene	193-39-5	94		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Naphthalene	91-20-3	6		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	N-Nitrosodiphenylamine	86-30-6	14	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Pentachlorophenol	87-86-5	140	U	ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Phenanthrene	85-01-8	120		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Phenol	108-95-2	16		ug/Kg		SW8270C
Soil	Trans-B-Sed	Trans-B-Sed		3/12/2008	16:00	Pyrene	129-00-0	200		ug/Kg		SW8270C
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Arsenic	7440-38-2	2.91		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Cadmium	7440-43-9	0.013		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chromium	7440-47-3	27.3		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Copper	7440-50-8	6.63		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Lead	7439-92-1	0.128		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Silver	7440-22-4	0.012	U	ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Zinc	7440-66-6	2.93		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Mercury	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2,4'-DDD	53-19-0	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2,4'-DDE	3424-82-6	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2,4'-DDT	789-02-6	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	4,4'-DDD	72-54-8	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	4,4'-DDE	72-55-9	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	4,4'-DDT	50-29-3	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Aldrin	309-00-2	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chlordane	57-74-9	9.9	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	cis-Chlordane	5103-71-9	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Dieldrin	60-57-1	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	gamma-Chlordane	5566-34-7	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Heptachlor	76-44-8	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Lindane	58-89-9	0.5	U	ng/L		SW8081A
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Chloromethane	74-87-3	0.82		ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	m,p-Xylenes		0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Tetrachloroethene	127-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Toluene	108-88-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-031208		3/12/2008	16:00	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Diesel Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Gasoline Range Organics		250	U	ug/L		NWTPH-HCID
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Residual Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Arsenic, diss	7440-38-2	4.46		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Arsenic, tot	7440-38-2	4.68		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Cadmium, diss	7440-43-9	0.026		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Cadmium, tot	7440-43-9	0.022		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chromium, diss	7440-47-3	1.61		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chromium, tot	7440-47-3	2.03		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Copper, diss	7440-50-8	2.77		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Copper, tot	7440-50-8	2.83		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Lead, diss	7439-92-1	0.057		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Lead, tot	7439-92-1	0.07		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Silver, diss	7440-22-4	0.02	U	ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Silver, tot	7440-22-4	0.02	U	ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Zinc, diss	7440-66-6	2.1		ug/L	Dissolved	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Zinc, tot	7440-66-6	4.7		ug/L	Total	SW6020
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Mercury, diss	7439-97-6	0.2	U	ug/L	Dissolved	SW7470A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Mercury, tot	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2,4'-DDD	53-19-0	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2,4'-DDE	3424-82-6	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2,4'-DDT	789-02-6	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4,4'-DDD	72-54-8	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4,4'-DDE	72-55-9	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4,4'-DDT	50-29-3	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Aldrin	309-00-2	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chlordane	57-74-9	0.21	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dieldrin	60-57-1	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Heptachlor	76-44-8	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Lindane	58-89-9	0.011	U	ug/L		SW8081A
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	PCB-aroclor 1016	12674-11-2	0.21	U	ug/L		SW8082
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	PCB-aroclor 1248	12672-29-6	0.21	U	ug/L		SW8082
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	PCB-aroclor 1254	11097-69-1	0.21	U	ug/L		SW8082
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	PCB-aroclor 1260	11096-82-5	0.21	U	ug/L		SW8082
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2-Hexanone	591-78-6	20	U	ug/L		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bromomethane	74-83-9	0.5	UJ	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chloromethane	74-87-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	m, p-Xylene		0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Tetrachloroethene	127-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Toluene	108-88-3	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2,4-Trichlorobenzene	120-82-1	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,2-Dichlorobenzene	95-50-1	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	1,4-Dichlorobenzene	106-46-7	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2,4-Dimethylphenol	105-67-9	4.1	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2-Methylnaphthalene	91-57-6	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	2-Methylphenol	95-48-7	0.51	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	4-Methylphenol	106-44-5	0.51	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Acenaphthene	83-32-9	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Acenaphthylene	208-96-8	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Anthracene	120-12-7	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzo(a)anthracene	56-55-3	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzo(a)pyrene	50-32-8	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzo(b)fluoranthene	205-99-2	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzo(ghi)perylene	191-24-2	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzo(k)fluoranthene	207-08-9	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzoic Acid	65-85-0	5.1	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Benzyl Alcohol	100-51-6	5.1	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Bis(2-Ethylhexyl) Phthalate	117-81-7	1.1	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Butylbenzylphthalate	85-68-7	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Chrysene	218-01-9	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dibenzo(a,h)anthracene	53-70-3	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dibenzofuran	132-64-9	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Diethylphthalate	84-66-2	0.036	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Dimethylphthalate	131-11-3	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Di-N-Butylphthalate	84-74-2	0.065	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Di-N-Octyl Phthalate	117-84-0	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Fluoranthene	206-44-0	0.21	UJ	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Fluorene	86-73-7	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Hexachlorobenzene	118-74-1	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Hexachlorobutadiene	87-68-3	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Indeno(1,2,3-cd)pyrene	193-39-5	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Naphthalene	91-20-3	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	N-Nitrosodiphenylamine	86-30-6	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Pentachlorophenol	87-86-5	1.1	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Phenanthrene	85-01-8	0.21	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Phenol	108-95-2	0.51	U	ug/L		SW8270C
Groundwater	MW-1	MW-1-100907		10/9/2007	12:05	Pyrene	129-00-0	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Arsenic	7440-38-2	1.56		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Cadmium	7440-43-9	0.015		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chromium	7440-47-3	15.7		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Copper	7440-50-8	5.81		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Lead	7439-92-1	0.189		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Silver	7440-22-4	0.005	U	ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Zinc	7440-66-6	3.5		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Mercury	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2,4'-DDD	53-19-0	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2,4'-DDE	3424-82-6	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2,4'-DDT	789-02-6	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	4,4'-DDD	72-54-8	0.49	U	ng/L		SW8081A

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	4,4'-DDE	72-55-9	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	4,4'-DDT	50-29-3	0.82		ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Aldrin	309-00-2	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chlordane	57-74-9	9.7	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	cis-Chlordane	5103-71-9	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Dieldrin	60-57-1	0.71		ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	gamma-Chlordane	5566-34-7	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Heptachlor	76-44-8	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Lindane	58-89-9	0.49	U	ng/L		SW8081A
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Chloromethane	74-87-3	0.36		ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	m,p-Xylenes		0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Tetrachloroethene	127-18-4	0.2		ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Toluene	108-88-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-031208		3/12/2008	16:30	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Diesel Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Gasoline Range Organics		250	U	ug/L		NWTPH-HCID
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Residual Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Arsenic, diss	7440-38-2	8.08		ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Arsenic, tot	7440-38-2	8.07		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Cadmium, diss	7440-43-9	0.105		ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Cadmium, tot	7440-43-9	0.091		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chromium, diss	7440-47-3	25.2		ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chromium, tot	7440-47-3	40.4		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Copper, diss	7440-50-8	6.27		ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Copper, tot	7440-50-8	9.7		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Lead, diss	7439-92-1	0.021		ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Lead, tot	7439-92-1	0.046		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Silver, diss	7440-22-4	0.02	U	ug/L	Dissolved	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Silver, tot	7440-22-4	0.005		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Zinc, diss	7440-66-6	4.1		ug/L	Dissolved	SW6020

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Zinc, tot	7440-66-6	4.9		ug/L	Total	SW6020
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Mercury, diss	7439-97-6	0.2	U	ug/L	Dissolved	SW7470A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Mercury, tot	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2,4'-DDD	53-19-0	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2,4'-DDE	3424-82-6	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2,4'-DDT	789-02-6	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4,4'-DDD	72-54-8	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4,4'-DDE	72-55-9	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4,4'-DDT	50-29-3	0.0022	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Aldrin	309-00-2	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chlordane	57-74-9	0.21	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dieldrin	60-57-1	0.0015		ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Heptachlor	76-44-8	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Lindane	58-89-9	0.011	U	ug/L		SW8081A
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	PCB-aroclor 1016	12674-11-2	0.21	U	ug/L		SW8082
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	PCB-aroclor 1248	12672-29-6	0.21	U	ug/L		SW8082
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	PCB-aroclor 1254	11097-69-1	0.21	U	ug/L		SW8082
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	PCB-aroclor 1260	11096-82-5	0.21	U	ug/L		SW8082
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bromomethane	74-83-9	0.5	UJ	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chloromethane	74-87-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	m, p-Xylene		0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Tetrachloroethene	127-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Toluene	108-88-3	0.11		ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2,4-Trichlorobenzene	120-82-1	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,2-Dichlorobenzene	95-50-1	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	1,4-Dichlorobenzene	106-46-7	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2,4-Dimethylphenol	105-67-9	4.1	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2-Methylnaphthalene	91-57-6	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	2-Methylphenol	95-48-7	0.51	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	4-Methylphenol	106-44-5	0.51	U	ug/L		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Acenaphthene	83-32-9	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Acenaphthylene	208-96-8	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Anthracene	120-12-7	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzo(a)anthracene	56-55-3	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzo(a)pyrene	50-32-8	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzo(b)fluoranthene	205-99-2	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzo(ghi)perylene	191-24-2	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzo(k)fluoranthene	207-08-9	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzoic Acid	65-85-0	5.1	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Benzyl Alcohol	100-51-6	5.1	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Bis(2-Ethylhexyl) Phthalate	117-81-7	1.1	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Butylbenzylphthalate	85-68-7	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Chrysene	218-01-9	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dibenzo(a,h)anthracene	53-70-3	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dibenzofuran	132-64-9	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Diethylphthalate	84-66-2	0.059	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Dimethylphthalate	131-11-3	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Di-N-Butylphthalate	84-74-2	0.08	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Di-N-Octyl Phthalate	117-84-0	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Fluoranthene	206-44-0	0.21	UJ	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Fluorene	86-73-7	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Hexachlorobenzene	118-74-1	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Hexachlorobutadiene	87-68-3	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Indeno(1,2,3-cd)pyrene	193-39-5	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Naphthalene	91-20-3	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	N-Nitrosodiphenylamine	86-30-6	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Pentachlorophenol	87-86-5	1.1	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Phenanthrene	85-01-8	0.21	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Phenol	108-95-2	0.51	U	ug/L		SW8270C
Groundwater	MW-2	MW-2-100907		10/9/2007	10:10	Pyrene	129-00-0	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Arsenic	7440-38-2	1.59		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Cadmium	7440-43-9	0.017		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chromium	7440-47-3	19.4		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Copper	7440-50-8	9.83		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Lead	7439-92-1	0.519		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Silver	7440-22-4	0.011	U	ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Zinc	7440-66-6	3.84		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Mercury	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2,4'-DDD	53-19-0	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2,4'-DDE	3424-82-6	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2,4'-DDT	789-02-6	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	4,4'-DDD	72-54-8	0.97	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	4,4'-DDE	72-55-9	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	4,4'-DDT	50-29-3	1.4		ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Aldrin	309-00-2	1.2	J	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chlordane	57-74-9	10	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	cis-Chlordane	5103-71-9	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Dieldrin	60-57-1	41		ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	gamma-Chlordane	5566-34-7	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Heptachlor	76-44-8	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Lindane	58-89-9	0.5	U	ng/L		SW8081A
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Chloromethane	74-87-3	0.9		ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	m,p-Xylenes		0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Tetrachloroethene	127-18-4	0.18		ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Toluene	108-88-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-031208		3/12/2008	15:30	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Diesel Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Gasoline Range Organics		250	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Residual Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Arsenic, diss	7440-38-2	3.26		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Arsenic, tot	7440-38-2	3.13		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Cadmium, diss	7440-43-9	0.032		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Cadmium, tot	7440-43-9	0.04		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chromium, diss	7440-47-3	1.25	J	ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chromium, tot	7440-47-3	1.52		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Copper, diss	7440-50-8	5.11		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Copper, tot	7440-50-8	5.23		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Lead, diss	7439-92-1	0.055		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Lead, tot	7439-92-1	0.191		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Silver, diss	7440-22-4	0.02	U	ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Silver, tot	7440-22-4	0.01	U	ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Zinc, diss	7440-66-6	5.2		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Zinc, tot	7440-66-6	4.5		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Mercury, diss	7439-97-6	0.2	U	ug/L	Dissolved	SW7470A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Mercury, tot	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2,4'-DDD	53-19-0	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2,4'-DDE	3424-82-6	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2,4'-DDT	789-02-6	0.001		ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4,4'-DDD	72-54-8	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4,4'-DDE	72-55-9	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4,4'-DDT	50-29-3	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Aldrin	309-00-2	0.0012		ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chlordane	57-74-9	0.2	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dieldrin	60-57-1	0.021	J	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Heptachlor	76-44-8	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Lindane	58-89-9	0.01	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	PCB-aroclor 1016	12674-11-2	0.2	U	ug/L		SW8082
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	PCB-aroclor 1248	12672-29-6	0.2	U	ug/L		SW8082
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	PCB-aroclor 1254	11097-69-1	0.2	U	ug/L		SW8082
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	PCB-aroclor 1260	11096-82-5	0.2	U	ug/L		SW8082
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bromobenzene	108-86-1	2	U	ug/L		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chloromethane	74-87-3	0.46		ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	m, p-Xylene		0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Tetrachloroethene	127-18-4	0.16		ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Toluene	108-88-3	0.12		ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2,4-Trichlorobenzene	120-82-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,2-Dichlorobenzene	95-50-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	1,4-Dichlorobenzene	106-46-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2,4-Dimethylphenol	105-67-9	4.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2-Methylnaphthalene	91-57-6	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	2-Methylphenol	95-48-7	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	4-Methylphenol	106-44-5	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Acenaphthene	83-32-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Acenaphthylene	208-96-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Anthracene	120-12-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzo(a)anthracene	56-55-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzo(a)pyrene	50-32-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzo(b)fluoranthene	205-99-2	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzo(ghi)perylene	191-24-2	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzo(k)fluoranthene	207-08-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzoic Acid	65-85-0	5.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Benzyl Alcohol	100-51-6	5.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Bis(2-Ethylhexyl) Phthalate	117-81-7	1.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Butylbenzylphthalate	85-68-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Chrysene	218-01-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dibenzo(a,h)anthracene	53-70-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dibenzofuran	132-64-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Diethylphthalate	84-66-2	0.047	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Dimethylphthalate	131-11-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Di-N-Butylphthalate	84-74-2	0.08	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Di-N-Octyl Phthalate	117-84-0	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Fluoranthene	206-44-0	0.21	UJ	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Fluorene	86-73-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Hexachlorobenzene	118-74-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Hexachlorobutadiene	87-68-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Indeno(1,2,3-cd)pyrene	193-39-5	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Naphthalene	91-20-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	N-Nitrosodiphenylamine	86-30-6	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Pentachlorophenol	87-86-5	1.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Phenanthrene	85-01-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Phenol	108-95-2	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-100807		10/8/2007	10:30	Pyrene	129-00-0	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Diesel Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Gasoline Range Organics		250	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Residual Range Organics		630	U	ug/L		NWTPH-HCID
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Arsenic, diss	7440-38-2	2.78		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Arsenic, tot	7440-38-2	2.79		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Cadmium, diss	7440-43-9	0.035		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Cadmium, tot	7440-43-9	0.033		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chromium, diss	7440-47-3	3.98	J	ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chromium, tot	7440-47-3	1.31		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Copper, diss	7440-50-8	5.04		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Copper, tot	7440-50-8	5.81		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Lead, diss	7439-92-1	0.047		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Lead, tot	7439-92-1	0.192		ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Silver, diss	7440-22-4	0.02	U	ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Silver, tot	7440-22-4	0.02	U	ug/L	Total	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Zinc, diss	7440-66-6	4.2		ug/L	Dissolved	SW6020
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Zinc, tot	7440-66-6	5.2		ug/L	Total	SW6020

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Mercury, diss	7439-97-6	0.2	U	ug/L	Dissolved	SW7470A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Mercury, tot	7439-97-6	0.2	U	ug/L	Total	SW7470A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2,4'-DDD	53-19-0	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2,4'-DDE	3424-82-6	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2,4'-DDT	789-02-6	0.0013		ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4,4'-DDD	72-54-8	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4,4'-DDE	72-55-9	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4,4'-DDT	50-29-3	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Aldrin	309-00-2	0.0015		ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chlordane	57-74-9	0.21	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dieldrin	60-57-1	0.063	J	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Heptachlor	76-44-8	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Lindane	58-89-9	0.011	U	ug/L		SW8081A
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	PCB-aroclor 1016	12674-11-2	0.21	U	ug/L		SW8082
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	PCB-aroclor 1248	12672-29-6	0.21	U	ug/L		SW8082
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	PCB-aroclor 1254	11097-69-1	0.21	U	ug/L		SW8082
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	PCB-aroclor 1260	11096-82-5	0.21	U	ug/L		SW8082
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1,1-Trichloroethane	71-55-6	0.13		ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2-Butanone	78-93-3	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Acetone	67-64-1	20	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzene	71-43-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chloromethane	74-87-3	0.4		ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	m, p-Xylene		0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Naphthalene	91-20-3	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Styrene	100-42-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Tetrachloroethene	127-18-4	0.18		ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Toluene	108-88-3	0.18		ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2,4-Trichlorobenzene	120-82-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,2-Dichlorobenzene	95-50-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	1,4-Dichlorobenzene	106-46-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2,4-Dimethylphenol	105-67-9	4.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2-Methylnaphthalene	91-57-6	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	2-Methylphenol	95-48-7	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	4-Methylphenol	106-44-5	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Acenaphthene	83-32-9	0.21	U	ug/L		SW8270C

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Acenaphthylene	208-96-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Anthracene	120-12-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzo(a)anthracene	56-55-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzo(a)pyrene	50-32-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzo(b)fluoranthene	205-99-2	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzo(ghi)perylene	191-24-2	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzo(k)fluoranthene	207-08-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzoic Acid	65-85-0	5.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Benzyl Alcohol	100-51-6	5.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Bis(2-Ethylhexyl) Phthalate	117-81-7	1.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Butylbenzylphthalate	85-68-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Chrysene	218-01-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dibenzo(a,h)anthracene	53-70-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dibenzofuran	132-64-9	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Diethylphthalate	84-66-2	0.041	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Dimethylphthalate	131-11-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Di-N-Butylphthalate	84-74-2	0.094	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Di-N-Octyl Phthalate	117-84-0	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Fluoranthene	206-44-0	0.21	UJ	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Fluorene	86-73-7	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Hexachlorobenzene	118-74-1	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Hexachlorobutadiene	87-68-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Indeno(1,2,3-cd)pyrene	193-39-5	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Naphthalene	91-20-3	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	N-Nitrosodiphenylamine	86-30-6	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Pentachlorophenol	87-86-5	1.1	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Phenanthrene	85-01-8	0.21	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Phenol	108-95-2	0.51	U	ug/L		SW8270C
Groundwater	MW-3	MW-3-FD-100807		10/8/2007	11:10	Pyrene	129-00-0	0.021		ug/L		SW8270C
QC-eqpt rinse		ER-1		10/1/2007	14:03	2,4'-DDD	53-19-0	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	2,4'-DDE	3424-82-6	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	2,4'-DDT	789-02-6	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	4,4'-DDD	72-54-8	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	4,4'-DDE	72-55-9	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	4,4'-DDT	50-29-3	0.0094	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	Aldrin	309-00-2	0.00068	J	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	Chlordane	57-74-9	0.2	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	Dieldrin	60-57-1	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	Heptachlor	76-44-8	0.0098	U	ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	Lindane	58-89-9	0.0014		ug/L		SW8081A
QC-eqpt rinse		ER-1		10/1/2007	14:03	PCB-aroclor 1016	12674-11-2	0.2	U	ug/L		SW8082
QC-eqpt rinse		ER-1		10/1/2007	14:03	PCB-aroclor 1248	12672-29-6	0.2	U	ug/L		SW8082
QC-eqpt rinse		ER-1		10/1/2007	14:03	PCB-aroclor 1254	11097-69-1	0.036		ug/L		SW8082
QC-eqpt rinse		ER-1		10/1/2007	14:03	PCB-aroclor 1260	11096-82-5	0.2	U	ug/L		SW8082
QC-eqpt rinse		ER-2		10/9/2007	12:15	PCB-aroclor 1016	12674-11-2	0.24	U	ug/L		SW8082
QC-eqpt rinse		ER-2		10/9/2007	12:15	PCB-aroclor 1248	12672-29-6	0.24	U	ug/L		SW8082
QC-eqpt rinse		ER-2		10/9/2007	12:15	PCB-aroclor 1254	11097-69-1	0.24	U	ug/L		SW8082
QC-eqpt rinse		ER-2		10/9/2007	12:15	PCB-aroclor 1260	11096-82-5	0.24	U	ug/L		SW8082
QC-trip blank		TB-1		10/8/2007	8:00	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	2-Butanone	78-93-3	20	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Acetone	67-64-1	20	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Benzene	71-43-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Bromomethane	74-83-9	0.5	UJ	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Chloromethane	74-87-3	0.5	U	ug/L		SW8260B

TABLE B-1. LABORATORY RESULTS

Media	Station	Sample No.	Depth (ft)	Sample Date	Sample Time	Parameter	CAS No.	Concen-tration	Qualifier (validated)	Units	Total/ Dissolved	Method
QC-trip blank		TB-1		10/8/2007	8:00	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Dibromochloromethane	124-48-1	0.18		ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	m, p-Xylene		0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Naphthalene	91-20-3	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Styrene	100-42-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Tetrachloroethene	127-18-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Toluene	108-88-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-1		10/8/2007	8:00	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1,1,2-Tetrachloroethane	630-20-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1,1-Trichloroethane	71-55-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1,2,2-Tetrachloroethane	79-34-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1,2-Trichloroethane	79-00-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1-Dichloroethane	75-34-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1-Dichloroethene	75-35-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,1-Dichloropropene	563-58-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2,3-Trichlorobenzene	87-61-6	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2,3-Trichloropropane	96-18-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2,4-Trichlorobenzene	120-82-1	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2,4-Trimethylbenzene	95-63-6	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2-Dibromo-3-Chloropropane	96-12-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2-Dibromoethane (EDB)	106-93-4	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2-Dichlorobenzene	95-50-1	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2-Dichloroethane	107-06-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,2-Dichloropropane	78-87-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,3,5-Trimethylbenzene	108-67-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,3-Dichlorobenzene	541-73-1	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,3-Dichloropropane	142-28-9	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	1,4-Dichlorobenzene	106-46-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	2,2-Dichloropropane	594-20-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	2-Butanone	78-93-3	20	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	2-Chlorotoluene	95-49-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	2-Hexanone	591-78-6	20	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	4-Chlorotoluene	106-43-4	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	4-Methyl-2-Pentanone	108-10-1	20	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Acetone	67-64-1	20	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Benzene	71-43-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Bromobenzene	108-86-1	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Bromochloromethane	74-97-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Bromodichloromethane	75-27-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Bromoform	75-25-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Bromomethane	74-83-9	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Carbon Disulfide	75-15-0	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Carbon Tetrachloride	56-23-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	CFC-11	75-69-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	CFC-12	75-71-8	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Chlorobenzene	108-90-7	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Chloroethane	75-00-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Chloroform	67-66-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Chloromethane	74-87-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Cis-1,2-Dichloroethene	156-59-2	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Cis-1,3-Dichloropropene	10061-01-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Dibromochloromethane	124-48-1	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Dibromomethane	74-95-3	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Ethylbenzene	100-41-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Hexachlorobutadiene	87-68-3	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Isopropylbenzene (Cumene)	98-82-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	m,p-Xylenes		0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Methylene Chloride	75-09-2	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Naphthalene	91-20-3	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	n-Butylbenzene	104-51-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	n-Propylbenzene	103-65-1	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	o-Xylene	95-47-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	p-Isopropyltoluene	99-87-6	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Sec-Butylbenzene	135-98-8	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Styrene	100-42-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Tert-Butylbenzene	98-06-6	2	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Tetrachloroethene	127-18-4	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Toluene	108-88-3	0.2		ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Trans-1,2-Dichloroethene	156-60-5	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Trans-1,3-Dichloropropene	10061-02-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Trichloroethene	79-01-6	0.5	U	ug/L		SW8260B
QC-trip blank		TB-2		3/12/2008	14:00	Vinyl Chloride	75-01-4	0.5	U	ug/L		SW8260B

Appendix C
Data Validation Report

EcoChem, INC.
Environmental Data Quality

DATA VALIDATION REPORT

Washington Department of Ecology Toxics Cleanup Program
South Park Marina – Site Reconnaissance Investigation

Prepared for:

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December 21, 2007

Approved for Release

Christine Ransom
Project Manager
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INTRODUCTION

Basis for the Data Validation

This report summarizes the results of the summary (Level III) data validation performed on sediment, water, and quality control (QC) sample data for the Washington Department of Ecology – Site Reconnaissance Investigation at South Park Marina, Seattle, Washington. A complete list of samples is provided in the **Sample Index**. Columbia Analytical Services, Kelso, Washington performed all analyses. The analytical methods and EcoChem project chemists are listed below.

Analysis	Method of Analysis	Primary Review	Secondary Review
Volatile Organic Compounds	SW8260B	Mark Brindle	John Mitchell
Semivolatile Organic Compounds	SW8270C	Jennifer Newkirk Mark Brindle	John Mitchell
Chlorinated Pesticidesns	SW8081A	Melissa Swanson Craig Hutchings	John Mitchell
PCB Aroclors	SW8082	Melissa Swanson Craig Hutchings	John Mitchell
Diesel and Residual Range Hydrocarbons	NWTPH-Dx	Mark Lybeer	Mark Brindle
Gasoline Range Hydrocarbons	NWTPH-Gx	Mark Lybeer	Mark Brindle
Hydrocarbon Identification	NWTPH-HCID	Mark Lybeer	Mark Brindle
Metals	SW6020, SW7471A, SW7470A	Patricia Lambrecht Jennifer Newkirk	Christine Ransom
Total Solids	EPA 160.3	Patricia Lambrecht Jennifer Newkirk	Christine Ransom

The data validation is based on QC criteria documented in the above listed methods, the *Sampling and Analysis Plan (SAP) – South Park Marina, Seattle, Washington Site Reconnaissance Investigation, (2007)*; and *USEPA National Functional Guidelines for Organic* (1999) *and Inorganic (2004) Data Review*. The QC criteria are summarized in **Appendix A.**

EcoChem's goal in assigning data validation qualifiers is to assist in proper data interpretation. If values are estimated (assigned a J), data may be used for site evaluation purposes but reasons for data qualification should be taken into consideration when interpreting sample concentrations. Values with no data qualifier meet all data quality goals as outlined in the EPA Functional Guidelines.

Data qualifier definitions and Data Validation Criteria Tables are included as Appendix A. **Appendix B** contains the Qualified Data Summary Table. Data validation worksheets are kept on file at EcoChem.

Sample Index
SAIC - South Park Marina
SDG: K0708852

Sample ID	SW8270C	SW8082	SW8081A	HCID	NWTPH-Dx	NWTPH-Gx	SW6020	SW7471A	EPA160.3M
SB-1-9	X	X	X	X			X	X	X
SB-3-7	X	X	X	X			X	X	X
SB-3-13.5	X	X	X	X			X	X	X
SB-4-8	X	X	X	X			X	X	X
SB-5-8	X	X	X	X	X		X	X	X
SB-8-9	X	X	X	X			X	X	X
SB-9-10	X	X	X	X			X	X	X

Sample Index
SAIC - South Park Marina
SDG: K0708895

Sample ID	SW8260B	SW8270C	SW8082	SW8081A	HCID	NWTPH-Dx	NWTPH-Gx	SW6020	SW7471A	EPA160.3M
SB-2-9		X	X	X	X			X	X	X
SB-6-8		X	X	X	X	X	X	X	X	X
SB-7-9		X	X	X	X			X	X	X
SB-10-14		X	X	X	X			X	X	X
SB-11-2.5	X	X	X	X	X	X		X	X	X
SB-12-1.5	X	X	X	X	X	X		X	X	X

Sample Index
SAIC - South Park Marina
SDG: K0709002

Sample ID	SW8260B	SW8270C	SW8082	SW8081A	HCID	NWTPH-Dx	NWTPH-Gx	SW6020	SW7471A	EPA160.3M
ER-1			X	X						
SB-2-1		X	X	X	X			X	X	X
SB-13-1		X	X	X	X			X	X	X
SB-13-3.5		X	X	X	X			X	X	X
SB-13-7		X	X	X	X	X	X	X	X	X
SB-14-3		X	X	X	X	X		X	X	X
SB-14-7.5	X	X	X	X	X	X	X	X	X	X
SB-15-3.5	X	X	X	X	X	X	X	X	X	X
SB-16-3.5	X	X	X	X	X	X		X	X	X

Sample Index
SAIC - South Park Marina
SDG: K0709371

Sample ID	SW8260B	SW8270C	SW8082	SW8081A	HCID	NWTPH-Dx	NWTPH-Gx	SW6020	SW7471A	EPA160.3M
ER-2			x							
MW-1-100907	x	x	x	x	x			x	x	
MW-2-100907	x	x	x	x	x			x	x	
MW-3-100807	x	x	x	x	x			x	x	
MW-3-FD-100807	x	x	x	x	x			x	x	
Trans-A-Bot		x	x	x	x	x		x	x	x
Trans-A-Top		x	x	x	x	x		x	x	x
Trans-B-Bot		x	x	x	x			x	x	x
Trans-B-Top		x	x	x	x	x	x	x	x	x
TB-1	x	x	x	x	x			x	x	

DATA VALIDATION REPORT
South Park Marina
Volatile Organic Compounds - EPA Method 8260B

This report documents the review of analytical data from the analyses of sediment and water samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0708895	2 Soil
K0709002	3 Soil
K0709371	5 Water

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy laboratory data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Holding Times & Sample Receipt	2	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	GC/MS Instrument Performance Check	1	Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSD)
1	Initial Calibration (ICAL)	1	Internal Standards
2	Continuing Calibration (CCAL)		Field Duplicates
2	Laboratory Blanks		Target Analyte List
	Field Blanks	1	Reporting Limits (MDL and MRL)
2	Surrogate Compounds		Reported Results

[1] Quality control results are discussed below, but no data were qualified
[2] Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Holding Times and Sample Preservation

The validation guidance documents state that the cooler temperatures should be within an advisory temperature range of 2° to 6°C. Temperature outliers did not impact data quality and no qualifiers were required.

SDG K0708895: The cooler was received at the laboratory at a temperature below these limits, at -0.3 °C.

SDG K0709371: Two of three coolers were received at the laboratory at temperatures below these limits, at 0.5ºC and 0.3ºC.

Initial Calibration

All relative response factor (RRF) values were greater than the 0.05 minimum control limit with the exceptions noted below. No qualifiers were required when the continuing calibration demonstrated that the compound responses were stable. If the continuing calibration percent difference (%D) for these compounds exceeds the control limits, the sample results and reporting limits were qualified (J/R-5A). All percent relative standard deviation (%RSD) values or correlation coefficients were within control limits.

SDG K0708895: The RRF values for acetone and 2-butanone from the ICAL analyzed on 9/20/07 (Instrument MS05) were less than the minimum control limit of 0.05. The RRF values for acetone, 2-butanone, and 2-hexanone from the ICAL analyzed on 7/17/07 (Instrument MS13) were less than the minimum control limit of 0.05.

SDG K0709002: The RRF values for acetone and 2-butanone from the ICAL analyzed on 9/20/07 (Instrument MS05) were less than the minimum control limit of 0.05. The RRF values for acetone, 2-butanone, and 2-hexanone from the ICAL analyzed on 7/17/07 (Instrument MS13) were less than the minimum control limit of 0.05.

SDG K0709371: The RRF values for acetone, 2-butanone, 2-hexanone, and 4-methyl-2-pentanone from the ICAL analyzed on 9/26/07 (Instrument MS18) were less than the minimum control limit of 0.05. The RRF values for acetone, 2-butanone, and 2-hexanone from the ICAL analyzed on 7/17/07 (Instrument MS13) were less than the minimum control limit of 0.05.

Continuing Calibration

All RRF values were greater than the 0.05 minimum control limit for the continuing calibrations (CCALs) with the exceptions noted below. When responses were stable, no qualifiers were applied on this basis. If CCAL responses for these analytes were unstable, associated sample results were rejected (R-5B) due to potential low sensitivity.

All CCAL %D values were within the ±25% control limit, with the exceptions noted below.

SDG K0708895: The RRF values were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and 1,2-dibromo-3-chloropropane in the CCAL analyzed 10/2/07 (Instrument MS13).

The RRF values were less than the minimum control limit of 0.05 for acetone and 2-butanone in the CCAL analyzed 10/4/07 (Instrument MS05).

SDG K0709002: The RRF values were less than the minimum control limit of 0.05 for acetone and 2-butanone in the CCAL analyzed 10/4/07 (Instrument MS05).

The RRF value was less than the minimum control limit of 0.05 for 2-butanone in the CCAL analyzed 10/5/07 (Instrument MS05).

The RRF value were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and 1,2-dibromo-3-chloropropane in the CCAL analyzed 10/12/07 (Instrument MS13).

The %D values exceeded the ±25% control limit for bromomethane, acetone, 2,2-dichloropropane, 2-hexanone, 4-methyl-2-pentanone, and 1,2-dibromo-3-chloropropane due to low response in the same CCAL. Results and reporting limits were qualified as estimated (J/UJ-5B) in the associated Sample SB-16-3.5, except the reporting limit for 2-hexanone (%D and RRF outliers) which was rejected.

SDG K0709371: The RRF values were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and 1,2-dibromo-2-chloropropane in the CCAL analyzed 10/21/07 (Instrument MS13).

The RRF values were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, and 4-methyl-2-pentanone in the CCAL analyzed 10/22/07 (Instrument MS18). The %D value exceeded the ±25% control limit for bromomethane due to low response in the same CCAL. The reporting limit for bromomethane in trip blank TB-1 was qualified as estimated (UJ-5B).

The RRF values were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and 1,2-dibromo-2-chloropropane in the CCAL analyzed 10/23/07 (Instrument MS18). The %D value exceeded the ±25% control limit for bromomethane due to low response in the same CCAL. The reporting limits for bromomethane in Samples MW-1-100907 and MW-2-100907 were qualified as estimated (UJ-5B).

Laboratory Blanks

To assess the impact of each blank contaminant on the reported sample results, an action level is established at five times the concentration reported in the blank. If a contaminant is reported in an associated field sample and the concentration is less than the action level, the result is qualified as not detected (U-7). If the result is also less than the reporting limit, then the result is elevated to the reporting limit. No action is taken if the sample result is greater than the action level, or for non-detected results.

Method blanks were analyzed at the appropriate frequency. A summary of contaminant levels, associated samples, and action levels is provided in the data validation worksheets. Various target analytes were detected in the method blanks. However, only the following analytes were qualified as not detected in one or more samples in the associated laboratory data sets.

SDG K0708895: Methylene chloride (1 result) and acetone (1 result)

SDG K0709002: Methylene chloride (2 results) and acetone (2 results)

Field Blanks

SDG K0709371: A positive result for dibromochloromethane was reported in trip blank TB-1. No positive results for this analyte were reported in the field samples and no qualifiers were required.

Surrogate Compounds

SDG K0708895: The percent recovery (%R) values for dibromofluoromethane were greater than the upper control limit of 115%, at 126% and 122% in Samples SB-12-1.5MS and SB-12-1.5MSD. No action was taken as qualifiers are not assigned to QC samples.

SDG K0709002: The %R value for 4-bromofluorobenzene was greater than the upper control limit of 129%, at 176% in Sample SB-15-3.5. The outlier was indicative of a potential high bias and all positive results were qualified as estimated (J-13).

Matrix Spike/Matrix Spike Duplicates

SDG K0708895: Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed using Samples SB-11-2.5 and SB-12-1.5. For SB-11-2.5MS/MSD the %R value for 1,1-dichloroethene was greater than the upper control limit of 122%, at 126% in the MS sample. The %R value for 1,1-dichloroethene was within control limits in the MSD and no qualifiers were required.

SDG K0709002: MS/MSD analyses were performed using Samples SB-14-7.5 and SB-16-3.5. For SB-14-7.5MS/MSD, all relative percent difference (RPD) values exceeded the control limit of 40%. Toluene was the only spiking compound detected in the parent sample. The toluene result was qualified as estimated for precision (J-9) in Sample SB-14-7.5.

Laboratory Control Samples

SDG K0709371: The %R value for bromochloromethane was greater than the upper control limit of 119%, at 122% in the LCS analyzed 10/21/07. Bromochloromethane was not detected in the associated samples. As the outlier was indicative of a potential high bias; no qualifiers were required.

Internal Standards

SDG K0708895: The areas for internal standards chlorobenzene-d5 and 1,4-dichlorobenzene-d4 were less than the lower control limit in Sample SB-12-1.5MS. The internal standard area for 1,4-dichlorobenzene-d4 was less than the lower control limit in Sample SB-12-1.5MSD. No qualifiers are applied to QC samples and no action was required.

Field Duplicates

The measurement quality objective (MQO) for field duplicate RPD is 35% for water samples where concentrations are greater than five times (5x) the reporting limit (RL). For concentrations less than 5x the RL, the difference between the sample result and the replicate result must be less than the RL.

SDG K0709371: One set of field duplicates, MW-3-100807 & MW-3-FD-100807, were included. The differences between results were within control limits. Field precision was acceptable.

Reporting Limits

SDG K0709002: Sample SB-16-3.5 was analyzed as a medium level soil based on the preanalysis screening results. The reporting limits for this sample were raised accordingly.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable as demonstrated by the surrogate, laboratory control sample/laboratory control sample duplicate (LCS/LCSD), and MS/MSD %R values, with the exceptions noted above. Precision was also acceptable as demonstrated by the LCS/LCSD, MS/MSD, and field duplicate RPD values, with the exceptions noted above.

Data were qualified as not detected based on contamination in the associated laboratory blanks. Data were qualified as estimated due to surrogate %R, MS/MSD RPD, and CCAL %D outliers.

Data were rejected because of very low CCAL response combined with a calibration %D outlier. Data that has been rejected should not be used for any purpose.

All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Semivolatile Organic Compounds – EPA Method 8270C

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Columbia Analytical Services, Inc., Kelso, Washington, analyzed the samples. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0708852	7 Soil
K0708895	6 Soil
K0709002	8 Soil
K0709371	4 Water & 4 Soil

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy laboratory data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Holding Times and Sample Receipt	1	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	GC/MS Instrument Performance Check	2	Laboratory Control Samples (LCS/LCSD)
	Initial Calibration (ICAL)	1	Field Replicates
	Continuing Calibration (CCAL)		Internal Standards
2	Blanks (Laboratory and Field)		Target Analyte List
1	Surrogate Compounds	1	Reporting Limits (MDL and MRL)

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Receipt

SDG K0708895: The laboratory received the sample cooler at a temperature outside the advisory control limits of 2° to 6°C, at -0.3º. This temperature outlier did not impact the data and no qualifiers were required.

SDG K0709371: The laboratory received two of three sample coolers at temperatures outside the advisory control limits of 2° to 6°C, at 0.5º and 0.3º. These temperature outliers did not impact the data and no qualifiers were required.

Laboratory Blanks

To assess the impact of each blank contaminant on the reported sample results, an action level is established at five times the concentration reported in the blank. If a contaminant is reported in an associated field sample and the concentration is less than the action level, the result is qualified as not detected (U-7). If the result is also less than the reporting limit, then the result is elevated to the reporting limit. No action is taken if the sample result is greater than the action level, or for non-detected results.

Laboratory blanks were analyzed at the appropriate frequency. Various target analytes were detected in the method blanks. However, only the following analytes were qualified as not detected in one or more samples in the associated laboratory data sets.

SDG K0708852: Phenol (7 results), diethyl phthalate (4 results), di-n-butyl phthalate (5 results), bis(2-ethylhexyl) phthalate (5 results)

SDG K0708895: Phenol (5 results), diethyl phthalate (4 results), di-n-butyl phthalate (6 results), bis(2-ethylhexyl) phthalate (5 results)

SDG K0709002: Phenol (3 results) and diethyl phthalate (2 results)

SDG K0709371: Water: diethyl phthalate (4 results) and di-n-butyl phthalate (4 results)

Soil: phenol, acenaphthylene, diethyl phthalate, phenanthrene, anthracene, pyrene (3 results each); naphthalene, 2-methylnaphthalene, di-n-butyl phthalate, fluoranthene, benzo(a)anthracene, chrysene, bis(2-ethylhexyl)phthalate, benzo(a)pyrene (2 results each); acenaphthene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-cd)pyrene, benzo(g,h,i)perylene (1 result each)

Surrogate Compounds

SDG K0709002: The percent recovery (%R) values for one or more surrogate compounds were not reported due to required dilutions of several sample extracts. No data qualifiers were required.

Matrix Spike/Matrix Spike Duplicate

SDG K0709371: Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed using Sample Trans-A-Top. The %R value for phenol was greater than the upper control limit of 95%, at 99%, in the MSD and the %R value for pentachlorophenol was greater than the upper control limit of 110%, at 112%, in the MS. The %R values for phenol in the MS and pentachlorophenol in the MSD were within control limits. No qualifiers were required.

Laboratory Control Sample/Laboratory Control Sample Duplicate

SDGs K0708852, K0708895: The %R values for 2,4-dimethylphenol were less than the lower control limit of 10%, at 5% and 6% in the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) set prepared and analyzed with these samples. 2,4-dimethylphenol was not detected in the associated samples and the reporting limits were rejected (R-10) to indicate potential low bias.

SDG K0709002: The %R values for 2,4-dimethylphenol were less than the lower control limit of 10%, at 6% and 9% in the LCS/LCSD set prepared and analyzed with the samples. The relative percent difference (RPD) value for 2,4-dimethylphenol was greater than the control limit of 40%, at 42%. 2,4-dimethylphenol was not detected in the associated samples. The 2,4-dimethylphenol reporting limits were rejected (R-10) in all samples.

SDG K0709371: The %R values for fluoranthene were less than the lower control limit of 44%, at 41% and 42% in the water LCS/LCSD set. Fluoranthene was not detected in the associated water samples and the reporting limits were qualified as estimated (UJ-10). The RPD value for 2,4-dimethylphenol was greater than the control limit of 40%, at 95% in the soil LCS/LCSD set. 2,4-Dimethylphenol was not detected in the associated samples, so no qualifiers were required.

Field Duplicates

The measurement quality objective (MQO) for field duplicate RPD is 35% for water samples, where concentrations are greater than five times (5x) the reporting limit (RL). For concentrations less than 5x the RL, the difference between the sample result and the replicate result must be less than the RL.

SDG K0709371: One set of field duplicates, MW-3-100807 & MW-3-FD-100807, were included. The differences between results were within control limits. Field precision was acceptable.

Reporting Limits (Method Detection Limits and Method Reporting Limit)

SDG K0708895: Samples SB-11-2.5 and SB12-1.5 were analyzed at dilution (10x) and RLs were elevated accordingly.

SDG K0709002: Samples SB-13-7, SB-14-3, SB-14-7.5, SB-15-3.5, and SB-16-3.5 were analyzed at dilutions ranging from 20x to 100x. The RLs were elevated accordingly for these samples, although no target analytes were detected in Samples SB-13-7 or SB-14-3.

SDG K0709371: Samples Trans-A-Top (20x) and Trans-B-Top (5x) were analyzed at dilutions. The RLs were elevated accordingly.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, LCS/LCSD, and MS/MSD %R values, with the exceptions noted above. Precision was also acceptable as demonstrated by the LCS/LCSD, MS/MSD, and field duplicate RPD values, with the exceptions noted above.

Data were qualified as not detected based on contamination in the associated laboratory blanks. Data were qualified as estimated based on LCS/LCSD %R outliers.

Data were rejected due to very low %R values in the LCS/LCSD. Data that have been rejected are not useable for any purpose.

All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Chlorinated Pesticides by EPA Method 8081A

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	No. Samples
K0708852	7 Soil
K0708895	6 Soil
K0709002	8 Soil & 1 Rinse Blank
K0709371	4 Soil & 4 Water

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverables (EDD) results was performed by comparison to the hardcopy laboratory data package. Laboratory QC results were also verified (10%). No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Holding Times and Sample Receipt		Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	Initial Calibration (ICAL)	1	Laboratory Control Samples (LCS)
	Continuing Calibration (CCAL)	2	Certified Reference Material (CRM)
	Analyte Breakdown	2	Field Duplicates
2	Laboratory Blanks		Target Analyte List
1	Field Blanks	1	Reporting Limits (MDL and MRL)
1	Surrogate Compounds	2	Compound Identification

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[1] ***Quality control results are discussed below, but no data were qualified***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Receipt

Some coolers were received at temperatures less than the recommended range of 4°C ±2°. It was determined that these temperature outliers did not impact data quality and no qualifiers were required.

Laboratory Blanks

To assess the impact of each blank contaminant on the reported sample results, an action level is established at five times the concentration detected in the blank. If a contaminant is detected in an associated field sample and the concentration is less than the action level, the result is qualified as not detected (U-7). If the result is also less than the reporting limit, then the result is elevated to the reporting limit. No action is taken if the sample result is greater than the action level, or for non-detected results.

Method blanks were analyzed at the appropriate frequency. A summary of contaminant levels, associated samples, and action levels is provided in the data validation worksheets. Various target analytes were detected in the method blanks. However, only the following analytes were qualified as not detected in one or more samples in the associated laboratory data sets:

SDG K0709002 (aqueous): 4,4'-DDT (1 result)

SDG K0709371 (aqueous): 4,4'-DDT (1 result)

Field Blanks

Method blanks are used to evaluate all associated samples, including field blanks. Any remaining positive results in the field blanks are used to evaluate all samples. If a contaminant is reported in any field sample and the concentration is less than the action level, the result is qualified as not detected (U-6).

SDG K0709002: One rinsate blank, ER-1, was reported. Results for gamma-BHC and aldrin were detected in this sample. Positive results for these analytes were greater than the action levels, so no qualifiers were applied.

Surrogate Compounds

SDG K0708895: The percent recovery (%R) values for tetrachloro-m-xylene and decachlorobiphenyl were greater than the upper control limits in Sample SB-11-2.5. This sample was analyzed at a dilution factor of 100x, no qualifiers were applied.

SDG K0709002: The %R values for tetrachloro-m-xylene and decachlorobiphenyl exceeded the upper control limits in Sample SB-16-3.5; the %R values for tetrachloro-m-xylene also exceeded the upper control limit in Samples SB-13-7, SB-14-3, and SB-15-3.5. These samples were analyzed at dilution factors of 10 - 500x, no qualifiers were applied.

Laboratory Control Samples

SDG K0709371 (aqueous): The %R value for chlordane in the laboratory control sample duplicate (LCSD) was less than the lower control limit. In addition, the relative percent difference (RPD) value for chlordane was greater than the control limit. No positive values for chlordane were detected in the samples and as the %R value in the laboratory control sample (LCS) was acceptable no qualifiers were assigned.

Certified Reference Material

SDG K0709002: The laboratory analyzed SRM 1944 – New York/New Jersey Waterway Sediment from NIST. This reference material has certified values for DDT isomers and metabolites. The reported concentration for 4,4'-DDT exceeded the upper control limit for the acceptance window [±20% of the 95% confidence interval]. All positive results for 4,4'-DDT were estimated (J-12).

SDG K0709371 (soil): The laboratory analyzed SRM 1944 – New York/New Jersey Waterway Sediment from NIST. This reference material has certified values for DDT isomers and metabolites. The reported concentration for 4,4'-DDT exceeded the upper control limit for the acceptance window [±20% of the 95% confidence interval]. All positive results for 4,4'-DDT were estimated (J-12).

Field Duplicates

SDG K0709371 (aqueous): Samples MW-3-100807 and MW-3-FD-100807 were submitted as field duplicates. The difference between results for dieldrin exceeded the reporting limit. The results for dieldrin were estimated (J-9) in these samples.

Reporting Limits (Method Detection Limit and Method Reporting Limit)

SDG K0708895: Sample SB-11-2.5 (100x) and Sample SB-12-1.5 (20x) were analyzed at dilutions; reporting limits were elevated accordingly.

SDG K0709002: Samples SB-13-7, SB-15-3.5, and SB-16-3.5 (100x) and Samples SB-14-3 and SB-14-7.5 (10-500x) were analyzed at dilutions; reporting limits were elevated accordingly.

SDG K0709371 (soil): Sample Trans-A-Top was analyzed at dilution; reporting limits were elevated accordingly.

Compound Identification

The results from the two analytical columns were compared for agreement. In cases where the RPD value between the two columns was greater than 40% the reported result was "P" flagged by the laboratory. As the elevated RPD value may indicate the presence of an interferent resulting in a high bias, when the RPD value was greater than 40% but less than 60% the reported value was estimated (J-3). If the RPD value was greater than 60%, the result was qualified as a tentative identification (NJ-3).

SDG K0708852: In Sample SB-3-7, the result for 4,4'-DDD was qualified as estimated (J-3), and the result for 4,4'-DDE was qualified as tentatively identified (NJ-3).

SDG K0708895: In Sample SB-2-9, the result for dieldrin was qualified as estimated (J-3), and the results for 2,4'-DDD and 2,4'-DDT were qualified as tentatively identified (NJ-3). In Sample SB-11-2.5, the result for 2,4'-DDT was qualified as estimated (J-3).

SDG K0709002: In Sample ER-1, the result for aldrin was qualified as estimated (J-3). In Samples SB-14-3 and SB-14-7.5, the results for 4,4'-DDE were qualified as estimated (J-3). In Sample

SB-13-1, the result for 2,4'-DDT was qualified as tentatively identified (NJ-3). In Sample SB-16-3.5, the result for 2,4'-DDT was qualified as estimated (J-3).

SDG K0709371 (soil): In Sample Trans-A-Bot the result for 4,4'-DDE was qualified as tentatively identified (NJ-3) and the result for 2,4'-DDD was qualified as estimated (J-3). In Samples Trans-A-Top and Trans-B-Top the results for 2,4'-DDT were qualified as tentatively identified (NJ-3).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, LCS/LCSD, and matrix spike/matrix spike duplicate (MS/MSD) %R values, with the exceptions noted above. Precision was also acceptable as demonstrated by the RPD values for the MS/MSD, LCS/LCSD, and field duplicate analyses, with the exceptions noted above.

Data were qualified as estimated or tentatively identified because the confirmation criteria were not met. Data were also qualified as estimated because of certified reference material recovery outliers and a field duplicate precision outlier. Data were qualified as not detected due to contamination in the associated laboratory blanks.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
PCB Aroclors by Method SW8082

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	No. Samples
K0708852	7 Soil
K0708895	6 Soil
K0709002	8 Soil & 1 Rinse Blank
K0709371	4 Soil, 4 Water, & 1 Rinse Blank

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverables (EDD) results was performed by comparison to the hardcopy laboratory data package. Laboratory QC results were also verified (10%). No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Holding Times and Sample Receipt		Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	Initial Calibration (ICAL)		Laboratory Control Samples (LCS/LCSD)
	Continuing Calibration (CCAL)	1	Field Duplicates
	Laboratory Blanks		Target Analyte List
1	Field Blanks	1	Reporting Limits (MDL and MRL)
1	Surrogate Compounds	2	Compound Identification
	Certified Reference Material (CRM)		

[1] ***Quality control results are discussed below, but no data were qualified***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Receipt

Some coolers were received at temperatures less than the recommended range of 4°C ±2°. These temperature outliers did not impact data quality and no qualifiers were required.

Field Blanks

Method blanks are used to evaluate all associated samples, including field blanks. Any remaining positive results in the field blanks are used to evaluate all samples. If a contaminant is reported in any field sample and the concentration is less than the action level, the result is qualified as not detected (U-6).

SDG K0709002: One rinsate blank, ER-1, was reported. A positive result for Aroclor1254 was detected in this sample. Positive results for Aroclor1254 were greater than the action level in the associated samples, so no qualifiers were applied.

SDG K0709371: One rinsate blank, ER-2, was reported. No target analytes were detected in this blank.

Surrogate Compounds

SDG K0708895: The percent recovery (%R) value for decachlorobiphenyl exceeded the upper control limit in Sample SB-11-2.5. This sample was analyzed at a dilution factor of 100x, no qualifiers were applied.

SDG K0709002: The %R values for decachlorobiphenyl exceeded the upper control limits in Samples SB-13-7, SB-15-3.5, and SB-16-3.5. These samples were analyzed at a dilution factor of 100x, no qualifiers were applied.

Field Duplicates

SDG K0709371: Samples MW-3-100807 and MW-3-FD-100807 were submitted as field duplicates. No positive results were reported in either sample; field precision was acceptable.

Reporting Limits (Method Detection Limit and Method Reporting Limit)

SDG K0708895: Sample SB-11-2.5 (100x) and Sample SB-12-1.5 (10x) were analyzed at dilutions. Reporting limits were elevated accordingly.

SDG K0709002: Samples SB-13-7, SB-15-3.5, and SB-16-3.5 (100x) and Samples SB-14-3 and SB-14-7.5 (10x) were analyzed at dilutions. Reporting limits were elevated accordingly.

Compound Identification

The results from the two analytical columns were compared for agreement. In cases where the relative percent difference (RPD) value between the two columns was greater than 40% the reported result was "P" flagged by the laboratory. As the elevated RPD value may indicate the presence of an interferent resulting in a high bias, when the RPD value was greater than 40% but less than 60% the reported value was estimated (J-3). If the RPD value was greater than 60%, the result was qualified as a tentative identification (NJ-3).

SDG K0708895: In Sample SB-7-9, the result for Aroclor 1254 was qualified as estimated (J-3).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, laboratory control sample/laboratory control sample duplicate (LCS/LCSD), matrix spike/matrix spike duplicate (MS/MSD), and certified reference material %R values. Precision was also acceptable as demonstrated by the RPD values for the MS/MSD, LCS/LCSD, and field duplicate analyses.

Data were qualified as estimated or tentatively identified because the confirmation criteria were not met.

All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Hydrocarbon Identification by NWTPH-HCID

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0708852	7 Soil
K0708895	6 Soil
K0709002	8 Soil
K0709371	8 Soil

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

All samples were initially analyzed by this method. Only samples with positively identified petroleum hydrocarbons were subsequently analyzed by method NWTPH-Gx and/or NWTPH-Dx to provide a quantitative measurement of the specific hydrocarbon range.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Holding Times and Sample Receipt		Laboratory Control Samples (LCS)
	Initial Calibration (ICAL)	1	Laboratory Duplicates
	Continuing Calibration (CCAL)	1	Field Replicates
	Laboratory Blanks		Target Analyte List
1	Surrogate Compounds		Reporting Limits (MDL and MRL)

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Receipt

Some coolers were received at temperatures less than the recommended range of 4°C ±2°. It was determined that these temperature outliers did not impact data quality and no qualifiers were required.

Surrogate Compounds

SDG K0708895: The percent recovery (%R) values for o-terphenyl and n-triacontane exceeded the control limits in Sample SB-11-2.5, due to dilution (100x). No qualifiers were required.

SDG K0709002: The %R values for n-triacontane were outside of the control limits in Samples SB-14-3 and SB-16-3.5, due to dilutions (10x). No qualifiers were required.

Laboratory Duplicates

No laboratory duplicates were analyzed for HCID analysis.

Field Replicates

SDG K0709371: One set of field duplicates, Samples MW-3-100807 & MW-3-FD-100807, were submitted. There were no positive results detected in either sample. Field precision was acceptable.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate %R values. No laboratory replicates were analyzed, therefore precision could not be assessed.

No data were qualified for any reason.

All data, as reported, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Diesel and Residual Range Hydrocarbons by Method NWTPH-Dx

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0708852	1 Soil
K0708895	3 Soil
K0709002	6 Soil
K0709371	3 Soil

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

	Holding Times and Sample Receipt		Laboratory Duplicates
	Initial Calibration (ICAL)	1	Field Replicates
1	Continuing Calibration (CCAL)		Target Analyte List
2	Laboratory Blanks		Reporting Limits (MDL and MRL)
1	Surrogate Compounds	2	Compound Identification
	Laboratory Control Samples (LCS)		

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Continuing Calibration (CCAL)

SDG K0709002: The percent difference (%D) value for residual range hydrocarbons (RRO) exceeded the control limit of ±15% in the CCAL analyzed on 10/11/07 at 08:57. The associated samples were reanalyzed for RRO and no qualifiers were required.

Laboratory Blanks

In order to assess the impact of laboratory blank contamination on the reported sample results, action levels at five times the blank concentrations are established. If the concentrations in the associated field samples are less than the action levels, the results are qualified as not detected (U). If the result is also less than the reporting limit, the result is elevated to the reporting limit.

SDG K0708852: Positive results for diesel and residual range organics were reported in the laboratory blank extracted on 10/8/07. The diesel and residual range organics results in the associated sample were above the action levels. No qualifiers were required.

SDG K0709002: Positive results for diesel range organics (DRO) and RRO were reported in the laboratory blank extracted on 10/10/07. Results for these compounds were qualified as not detected (U-7) in Sample SB-13-1.

SDG K0709371: A positive result for DRO was reported in the laboratory blank extracted on 10/18/07. The DRO results in the associated samples were above the action levels. No qualifiers were required.

Surrogate Compounds

SDG K0708895: The percent recovery (%R) values for o-terphenyl and n-triacontane exceeded the control limits in Sample SB-11-2.5, due to dilution (100x). No qualifiers were required.

SDG K0709002: The %R values for n-triacontane exceeded the control limit in Samples SB-14-3 and SB-16-3.5, due to dilutions (10x). No qualifiers were required.

Field Replicates

SDG K0709371: One set of field duplicates, Samples MW-3-100807 & MW-3-FD-100807 were submitted for screening. No hydrocarbons were detected so further analyses were not required.

Compound Identification

SDG K0708852: The chromatographic pattern for Sample SB-5-8 did not match that of the RRO standard used for calibration. This result was flagged by the laboratory and qualified as estimated (J-2).

SDG K0708895: The chromatographic patterns for Samples SB-11-2.5 and SB-12-1.5 did not match those of the DRO or RRO standards used for calibration. These results were flagged by the laboratory and qualified as estimated (J-2).

SDG K0709002: The chromatographic patterns for five samples did not match those of the DRO or RRO standards used for calibration. These results were flagged by the laboratory and qualified as estimated (J-2).

SDG K0709371: The chromatographic patterns for Samples Trans-A-Bot, Trans-A-Top and Trans-B-Top did not match those of the DRO and/or RRO standards used for calibration. These results were flagged by the laboratory and qualified as estimated (J-2).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate and laboratory control sample %R values. Precision was also acceptable as demonstrated by the laboratory duplicate relative percent difference values.

Data were qualified as estimated due to chromatographic pattern mismatches. Data were also qualified as not detected because of laboratory blank contamination.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Gasoline Range Hydrocarbons by Method NWTPH-Gx

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0709002	3 Soil
K0709371	1 Soil

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1 Holding Times and Sample Receipt
Initial Calibration (ICAL)
Continuing Calibration (CCAL)
2 Laboratory Blanks
Surrogate Compounds
Laboratory Control Samples (LCS)
Laboratory Duplicates
1 Field Replicates
Target Analyte List
Reporting Limits (MDL and MRL)
2 Compound Identification

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Receipt

Some coolers were received at temperatures less than the recommended range of 4°C ±2°. It was determined that these temperature outliers did not impact data quality and no qualifiers were required.

Laboratory Blanks

In order to assess the impact of laboratory blank contamination on the reported sample results, action levels at five times the blank concentrations are established. If the concentrations in the associated

field samples are less than the action levels, the results are qualified as not detected (U). If the result is also less than the reporting limit, the result is elevated to the reporting limit.

SDG K0709002: A positive result for gasoline range organics (GRO) was reported in the laboratory blank extracted on 10/15/07. The result for this analyte was qualified as not detected (U-7) in Sample SB-13-7.

SDG K0709371: A positive result for GRO was reported in the laboratory blank extracted on 10/22/07. The result for this analyte was qualified as not detected (U-7) in Sample Trans-B-Top.

Field Replicates

SDG K0709371: One set of field duplicates, Samples MW-3-100807 & MW-3-FD-100807 were submitted for screening. No hydrocarbons were detected so further analyses were not required.

Compound Identification

SDG K0709002: The chromatographic patterns for Samples SB-14-7.5 and SB-15-3.5 did not match that of the GRO standard used for calibration. These results were flagged by the laboratory and qualified as estimated (J-2).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate and laboratory control sample percent recovery values. Precision was also acceptable as demonstrated by the laboratory duplicate relative percent difference values.

Data were qualified as estimated due to chromatographic pattern mismatches. Data were also qualified as not detected because of laboratory blank contamination.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Metals by Methods SW6020, SW7471A, SW7470A
Total Solids by Method 160.3

This report documents the review of analytical data from the analyses of soil and water samples and the associated laboratory and field quality control (QC) samples. Columbia Analytical Services, Inc., Kelso, Washington, analyzed the samples.

SDG	No. Samples	Validation Level
K0708852	7 Soil	Summary
K0708895	6 Soil	Summary
K0709002	8 Soil	Summary
K0709371	4 Soil and 4 Water	Summary

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. Laboratory QC results were also verified (10%).

III. TECHNICAL DATA VALIDATION

The QC requirements for review are listed below.

1	Holding Times and Sample Preservation		Laboratory Duplicates
	Initial Calibration	2	Field Duplicates
	Calibration Verification		Interference Check Samples
	CRDL Standards	2	Serial Dilutions
2	Laboratory Blanks		ICPMS Internal Standards
	Laboratory Control Samples (LCS)		Reported Results
	Matrix Spikes (MS)		

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Holding Times and Sample Preservation

The validation guidance documents state that the cooler temperatures should be within an advisory temperature range of 2° to 6°C. Two coolers were received at the laboratory at temperatures less than 2°C. These temperature outliers did not impact data quality and no action was taken.

Laboratory Blanks

Various analytes were detected in the method and instrument blanks at levels greater than the method detection limits (MDL). To evaluate the effect on the sample data, action levels of five times the blank concentrations were established. The following analytes were present in one or more laboratory blank:

SDGs K0708852, K0708895 & K0709002: chromium, copper, and zinc – Associated results were greater than the action limits; no qualification of data was necessary.

SDG K0709371: arsenic, chromium, copper, lead, silver, and zinc – Associated results were qualified as estimated (U-7) for silver. All other results were greater than the action limits and no qualification of data was necessary.

In addition, there were results for chromium and mercury in some instrument blanks that were less than the negative MDL. Associated results were greater than the action limits; no qualification of data was necessary.

Field Duplicates

SDG K0709371: Samples MW-3-100807 and MW-3-FD-100807 were submitted as field duplicates. The relative percent difference (RPD) for dissolved chromium (104%) was greater than the control limit of 35%. The dissolved chromium results for these two samples were estimated (J-9).

ICP Serial Dilutions

Serial dilutions were analyzed at the proper frequency of one per 20 samples or one per batch; whichever was more frequent. The percent difference (%D) values were less than the control limit of 10% for results greater than 50x the MDL, with the following exceptions:

SDGs K0708852 & K0708895: The serial dilution %D value for lead (11%) was greater than the control limit. All associated results were estimated (J-16).

IV. OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical methods. The laboratory and field duplicate RPD values indicated acceptable precision, with the exception noted above. Accuracy was also acceptable, as demonstrated by the matrix spike and laboratory control sample recoveries.

Data were qualified as not-detected based on laboratory blank contamination. Data were estimated based on field duplicate RPD and serial dilution %D outliers.

All data, as qualified, are acceptable for use.

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0708852	SB-1-9	SW6020	T	Lead	1.29	mg/Kg	X	J	16
K0708852	SB-1-9	SW8270C	D	Phenol	31	ug/Kg	B	U	7
K0708852	SB-1-9	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-1-9	SW8270C	D	Di-N-Butylphthalate	11	ug/Kg	T	U	7
K0708852	SB-1-9	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	9.5	ug/Kg	T	U	7
K0708852	SB-3-13.5	SW6020	T	Lead	2.23	mg/Kg		J	16
K0708852	SB-3-13.5	SW8270C	D	Phenol	26	ug/Kg	BJ	U	7
K0708852	SB-3-13.5	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-3-13.5	SW8270C	D	Diethylphthalate	1.9	ug/Kg	T	U	7
K0708852	SB-3-13.5	SW8270C	D	Di-N-Butylphthalate	19	ug/Kg	T	U	7
K0708852	SB-3-13.5	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	12	ug/Kg	T	U	7
K0708852	SB-3-7	SW6020	T	Lead	31.8	mg/Kg		J	16
K0708852	SB-3-7	SW8081A	D	4,4'-DDE	2.9	ug/Kg	P	NJ	3
K0708852	SB-3-7	SW8081A	D	4,4'-DDD	0.35	ug/Kg	JP	J	3
K0708852	SB-3-7	SW8270C	D	Phenol	31	ug/Kg	B	U	7
K0708852	SB-3-7	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-3-7	SW8270C	D	Di-N-Butylphthalate	16	ug/Kg	T	U	7
K0708852	SB-3-7	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	14	ug/Kg	T	U	7
K0708852	SB-4-8	SW6020	T	Lead	3.32	mg/Kg		J	16
K0708852	SB-4-8	SW8270C	D	Phenol	35	ug/Kg	B	U	7
K0708852	SB-4-8	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-4-8	SW8270C	D	Diethylphthalate	2.3	ug/Kg	T	U	7
K0708852	SB-4-8	SW8270C	D	Di-N-Butylphthalate	19	ug/Kg	T	U	7
K0708852	SB-5-8	NWTPH-DX	D	Residual Range Organics	220	mg/Kg	Z	J	2
K0708852	SB-5-8	SW6020	T	Lead	4.39	mg/Kg		J	16
K0708852	SB-5-8	SW8270C	D	Phenol	45	ug/Kg	B	U	7
K0708852	SB-5-8	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-8-9	SW6020	T	Lead	2.09	mg/Kg		J	16
K0708852	SB-8-9	SW8270C	D	Phenol	24	ug/Kg	BJ	U	7
K0708852	SB-8-9	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708852	SB-8-9	SW8270C	D	Diethylphthalate	3	ug/Kg	T	U	7
K0708852	SB-8-9	SW8270C	D	Di-N-Butylphthalate	12	ug/Kg	T	U	7
K0708852	SB-8-9	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	12	ug/Kg	T	U	7
K0708852	SB-9-10	SW6020	T	Lead	1.46	mg/Kg	X	J	16
K0708852	SB-9-10	SW8270C	D	Phenol	21	ug/Kg	BJ	U	7
K0708852	SB-9-10	SW8270C	D	2,4-Dimethylphenol	49	ug/Kg	U	R	10
K0708852	SB-9-10	SW8270C	D	Diethylphthalate	2.3	ug/Kg	T	U	7

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0708852	SB-9-10	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	11	ug/Kg	T	U	7
K0708895	SB-10-14	SW6020	T	Lead	16.3	mg/Kg		J	16
K0708895	SB-10-14	SW8270C	D	Phenol	14	ug/Kg	BJ	U	7
K0708895	SB-10-14	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708895	SB-10-14	SW8270C	D	Diethylphthalate	2.1	ug/Kg	T	U	7
K0708895	SB-10-14	SW8270C	D	Di-N-Butylphthalate	110	ug/Kg		U	7
K0708895	SB-10-14	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	21	ug/Kg	T	U	7
K0708895	SB-11-2.5	NWTPH-DX	D	Diesel Range Organics	9600	mg/Kg	DH	J	2
K0708895	SB-11-2.5	NWTPH-DX	D	Residual Range Organics	26000	mg/Kg	DO	J	2
K0708895	SB-11-2.5	SW6020	T	Lead	3100	mg/Kg		J	16
K0708895	SB-11-2.5	SW8081A	D	2,4'-DDT	3400	ug/Kg	PD	J	3
K0708895	SB-11-2.5	SW8260B	D	Acetone	0.93	mg/Kg	T	U	7
K0708895	SB-11-2.5	SW8270C	D	2,4-Dimethylphenol	1300	ug/Kg	U	R	10
K0708895	SB-11-2.5	SW8270C	D	Di-N-Butylphthalate	800	ug/Kg	D	U	7
K0708895	SB-11-2.5	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	3700	ug/Kg	D	U	7
K0708895	SB-12-1.5	NWTPH-DX	D	Diesel Range Organics	1300	mg/Kg	DH	J	2
K0708895	SB-12-1.5	NWTPH-DX	D	Residual Range Organics	3700	mg/Kg	DO	J	2
K0708895	SB-12-1.5	SW6020	T	Lead	1000	mg/Kg		J	16
K0708895	SB-12-1.5	SW8260B	D	Methylene Chloride	0.44	ug/Kg	T	U	7
K0708895	SB-12-1.5	SW8270C	D	Phenol	83	ug/Kg	BJD	U	7
K0708895	SB-12-1.5	SW8270C	D	2,4-Dimethylphenol	500	ug/Kg	U	R	10
K0708895	SB-12-1.5	SW8270C	D	Di-N-Butylphthalate	420	ug/Kg	D	U	7
K0708895	SB-12-1.5	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	1100	ug/Kg	D	U	7
K0708895	SB-2-9	SW6020	T	Lead	13.7	mg/Kg		J	16
K0708895	SB-2-9	SW8081A	D	Dieldrin	0.58	ug/Kg	JP	J	3
K0708895	SB-2-9	SW8081A	D	2,4'-DDD	2.3	ug/Kg	P	NJ	3
K0708895	SB-2-9	SW8081A	D	2,4'-DDT	1.2	ug/Kg	P	NJ	3
K0708895	SB-2-9	SW8270C	D	Phenol	20	ug/Kg	BJ	U	7
K0708895	SB-2-9	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708895	SB-2-9	SW8270C	D	Diethylphthalate	2.1	ug/Kg	T	U	7
K0708895	SB-2-9	SW8270C	D	Di-N-Butylphthalate	17	ug/Kg	T	U	7
K0708895	SB-2-9	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	35	ug/Kg	T	U	7
K0708895	SB-6-8	SW6020	T	Lead	1.49	mg/Kg	X	J	16
K0708895	SB-6-8	SW8270C	D	Phenol	21	ug/Kg	BJ	U	7
K0708895	SB-6-8	SW8270C	D	2,4-Dimethylphenol	49	ug/Kg	U	R	10
K0708895	SB-6-8	SW8270C	D	Diethylphthalate	3.6	ug/Kg	T	U	7
K0708895	SB-6-8	SW8270C	D	Di-N-Butylphthalate	11	ug/Kg	T	U	7

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0708895	SB-6-8	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	18	ug/Kg	T	U	7
K0708895	SB-7-9	SW6020	T	Lead	2.13	mg/Kg		J	16
K0708895	SB-7-9	SW8082	D	PCB-aroclor 1254	5.9	ug/Kg	JP	J	3
K0708895	SB-7-9	SW8270C	D	Phenol	16	ug/Kg	BJ	U	7
K0708895	SB-7-9	SW8270C	D	2,4-Dimethylphenol	50	ug/Kg	U	R	10
K0708895	SB-7-9	SW8270C	D	Diethylphthalate	1.9	ug/Kg	T	U	7
K0708895	SB-7-9	SW8270C	D	Di-N-Butylphthalate	9.5	ug/Kg	T	U	7
K0709002	ER-1	SW8081A	D	Aldrin	0.00068	ug/L	JP	J	3
K0709002	ER-1	SW8081A	D	4,4'-DDT	0.0094	ug/L	T	U	7
K0709002	SB-13-1	NWTPH-DX	D	Diesel Range Organics	1.8	mg/Kg	T	U	7
K0709002	SB-13-1	NWTPH-DX	D	Residual Range Organics (RRO)	6.5	mg/Kg	T	U	7
K0709002	SB-13-1	SW8081A	D	4,4'-DDT	1.3	ug/Kg		J	12
K0709002	SB-13-1	SW8081A	D	2,4'-DDT	0.73	ug/Kg	JP	NJ	3
K0709002	SB-13-1	SW8270C	D	Phenol	30	ug/Kg		U	7
K0709002	SB-13-1	SW8270C	D	2,4-Dimethylphenol	47	ug/Kg	U	R	10
K0709002	SB-13-1	SW8270C	D	Diethylphthalate	2.5	ug/Kg	T	U	7
K0709002	SB-13-3.5	SW8270C	D	Phenol	32	ug/Kg		U	7
K0709002	SB-13-3.5	SW8270C	D	2,4-Dimethylphenol	49	ug/Kg	U	R	10
K0709002	SB-13-3.5	SW8270C	D	Diethylphthalate	9.7	ug/Kg	T	U	7
K0709002	SB-13-7	NWTPH-DX	D	Diesel Range Organics	950	mg/Kg	H	J	2
K0709002	SB-13-7	NWTPH-DX	D	Residual Range Organics (RRO)	4700	mg/Kg	DO	J	2
K0709002	SB-13-7	NWTPH-GX	D	Gasoline Range Organics-NWTPH	1.6	mg/Kg	T	U	7
K0709002	SB-13-7	SW8081A	D	4,4'-DDT	1600	ug/Kg	D	J	12
K0709002	SB-13-7	SW8270C	D	2,4-Dimethylphenol	940	ug/Kg	U	R	10
K0709002	SB-14-3	NWTPH-DX	D	Diesel Range Organics	2100	mg/Kg	DH	J	2
K0709002	SB-14-3	NWTPH-DX	D	Residual Range Organics (RRO)	8200	mg/Kg	DO	J	2
K0709002	SB-14-3	SW8081A	D	4,4'-DDE	370	ug/Kg	PD	NJ	3
K0709002	SB-14-3	SW8081A	D	4,4'-DDT	1100	ug/Kg	D	J	12
K0709002	SB-14-3	SW8270C	D	2,4-Dimethylphenol	2400	ug/Kg	U	R	10
K0709002	SB-14-7.5	NWTPH-DX	D	Diesel Range Organics	3000	mg/Kg	H	J	2
K0709002	SB-14-7.5	NWTPH-DX	D	Residual Range Organics (RRO)	8900	mg/Kg	DO	J	2
K0709002	SB-14-7.5	NWTPH-GX	D	Gasoline Range Organics-NWTPH	350	mg/Kg	H	J	2
K0709002	SB-14-7.5	SW8081A	D	4,4'-DDE	390	ug/Kg	PD	NJ	3
K0709002	SB-14-7.5	SW8081A	D	4,4'-DDT	1200	ug/Kg	D	J	12
K0709002	SB-14-7.5	SW8260B	D	Acetone	14	ug/Kg	T	U	7
K0709002	SB-14-7.5	SW8260B	D	Methylene Chloride	1	ug/Kg	T	U	7
K0709002	SB-14-7.5	SW8260B	D	Toluene	0.89	ug/Kg	T	J	9

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0709002	SB-14-7.5	SW8270C	D	2,4-Dimethylphenol	5000	ug/Kg	U	R	10
K0709002	SB-15-3.5	NWTPH-DX	D	Diesel Range Organics	4100	mg/Kg	DH	J	2
K0709002	SB-15-3.5	NWTPH-DX	D	Residual Range Organics (RRO)	10000	mg/Kg	DO	J	2
K0709002	SB-15-3.5	NWTPH-GX	D	Gasoline Range Organics-NWTPH	150	mg/Kg	H	J	2
K0709002	SB-15-3.5	SW8081A	D	4,4'-DDT	1500	ug/Kg	D	J	12
K0709002	SB-15-3.5	SW8260B	D	Vinyl Chloride	2.7	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Acetone	44	ug/Kg		J	13
K0709002	SB-15-3.5	SW8260B	D	Carbon Disulfide	0.67	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Methylene Chloride	0.97	ug/Kg	T	UJ	7,13
K0709002	SB-15-3.5	SW8260B	D	2-Butanone	6.1	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Cis-1,2-Dichloroethene	0.54	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Toluene	2.3	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Tetrachloroethene	0.73	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Ethylbenzene	7.8	ug/Kg		J	13
K0709002	SB-15-3.5	SW8260B	D	m,p-Xylene	4.6	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	o-Xylene	1.3	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	Isopropylbenzene (Cumene)	10	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8260B	D	1,3,5-Trimethylbenzene	58	ug/Kg		J	13
K0709002	SB-15-3.5	SW8260B	D	p-Isopropyltoluene	39	ug/Kg		J	13
K0709002	SB-15-3.5	SW8260B	D	Naphthalene	12	ug/Kg	T	J	13
K0709002	SB-15-3.5	SW8270C	D	2,4-Dimethylphenol	5000	ug/Kg	U	R	10
K0709002	SB-16-3.5	NWTPH-DX	D	Diesel Range Organics	12000	mg/Kg	DH	J	2
K0709002	SB-16-3.5	NWTPH-DX	D	Residual Range Organics (RRO)	27000	mg/Kg	DO	J	2
K0709002	SB-16-3.5	SW8081A	D	4,4'-DDT	4000	ug/Kg	D	J	12
K0709002	SB-16-3.5	SW8081A	D	2,4'-DDT	3600	ug/Kg	PD	J	3
K0709002	SB-16-3.5	SW8260B	D	Bromomethane	0.068	mg/Kg	U	UJ	5B
K0709002	SB-16-3.5	SW8260B	D	Acetone	0.58	mg/Kg	T	UJ	5A,5B,7
K0709002	SB-16-3.5	SW8260B	D	2,2-Dichloropropane	0.068	mg/Kg	U	UJ	5B
K0709002	SB-16-3.5	SW8260B	D	2-Hexanone	2.7	mg/Kg	U	R	5A,5B
K0709002	SB-16-3.5	SW8260B	D	4-Methyl-2-Pentanone	0.66	mg/Kg	T	J	5B
K0709002	SB-16-3.5	SW8260B	D	1,2-Dibromo-3-Chloropropane	0.27	mg/Kg	U	UJ	5B
K0709002	SB-16-3.5	SW8270C	D	2,4-Dimethylphenol	4600	ug/Kg	U	R	10
K0709002	SB-2-1	SW8081A	D	4,4'-DDT	0.87	ug/Kg	T	J	12
K0709002	SB-2-1	SW8270C	D	Phenol	30	ug/Kg		U	7
K0709002	SB-2-1	SW8270C	D	2,4-Dimethylphenol	45	ug/Kg	U	R	10
K0709371	MW-1-100907	SW8260B	D	Bromomethane	0.5	ug/L	U	UJ	5B
K0709371	MW-1-100907	SW8270C	D	Diethylphthalate	0.036	ug/L	T	U	7

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0709371	MW-1-100907	SW8270C	D	Di-N-Butylphthalate	0.065	ug/L	T	U	7
K0709371	MW-1-100907	SW8270C	D	Fluoranthene	0.21	ug/L	U	UJ	10
K0709371	MW-2-100907	SW6020	D	Silver	0.02	ug/L	U	U	7
K0709371	MW-2-100907	SW8081A	D	4,4'-DDT	0.0022	ug/L	JP	U	7
K0709371	MW-2-100907	SW8260B	D	Bromomethane	0.5	ug/L	U	UJ	5B
K0709371	MW-2-100907	SW8270C	D	Diethylphthalate	0.059	ug/L	T	U	7
K0709371	MW-2-100907	SW8270C	D	Di-N-Butylphthalate	0.08	ug/L	T	U	7
K0709371	MW-2-100907	SW8270C	D	Fluoranthene	0.21	ug/L	U	UJ	10
K0709371	MW-3-100807	SW6020	T	Silver	0.01	ug/L	B	U	7
K0709371	MW-3-100807	SW6020	D	Chromium	1.25	ug/L		J	9
K0709371	MW-3-100807	SW8081A	D	Dieldrin	0.021	ug/L		J	9
K0709371	MW-3-100807	SW8270C	D	Diethylphthalate	0.047	ug/L	T	U	7
K0709371	MW-3-100807	SW8270C	D	Di-N-Butylphthalate	0.08	ug/L	T	U	7
K0709371	MW-3-100807	SW8270C	D	Fluoranthene	0.21	ug/L	U	UJ	10
K0709371	MW-3-FD-100807	SW6020	D	Chromium	3.98	ug/L		J	9
K0709371	MW-3-FD-100807	SW8081A	D	Dieldrin	0.063	ug/L		J	9
K0709371	MW-3-FD-100807	SW8270C	D	Diethylphthalate	0.041	ug/L	T	U	7
K0709371	MW-3-FD-100807	SW8270C	D	Di-N-Butylphthalate	0.094	ug/L	T	U	7
K0709371	MW-3-FD-100807	SW8270C	D	Fluoranthene	0.21	ug/L	U	UJ	10
K0709371	TB-1	SW8260B	D	Bromomethane	0.5	ug/L	U	UJ	5B
K0709371	Trans-A-Bot	NWTPH-DX	D	Diesel Range Organics	26	mg/Kg	T		
K0709371	Trans-A-Bot	NWTPH-DX	D	Residual Range Organics	240	mg/Kg	O	J	2
K0709371	Trans-A-Bot	SW8081A	D	4,4'-DDE	0.9	ug/Kg	P	NJ	3
K0709371	Trans-A-Bot	SW8081A	D	4,4'-DDT	27	ug/Kg		J	12
K0709371	Trans-A-Bot	SW8081A	D	2,4'-DDD	8.5	ug/Kg	P	J	3
K0709371	Trans-A-Bot	SW8270C	D	Phenol	55	ug/Kg		U	7
K0709371	Trans-A-Bot	SW8270C	D	Naphthalene	5.8	ug/Kg	BJ	U	7
K0709371	Trans-A-Bot	SW8270C	D	2-Methylnaphthalene	4.4	ug/Kg	T	U	7
K0709371	Trans-A-Bot	SW8270C	D	Acenaphthylene	6.2	ug/Kg	T	U	7
K0709371	Trans-A-Bot	SW8270C	D	Acenaphthene	4.2	ug/Kg	T	U	7
K0709371	Trans-A-Bot	SW8270C	D	Diethylphthalate	3.5	ug/Kg	T	U	7
K0709371	Trans-A-Bot	SW8270C	D	Phenanthrene	77	ug/Kg	B	U	7
K0709371	Trans-A-Bot	SW8270C	D	Anthracene	11	ug/Kg		U	7
K0709371	Trans-A-Bot	SW8270C	D	Pyrene	170	ug/Kg	B	U	7
K0709371	Trans-A-Top	NWTPH-DX	D	Diesel Range Organics	1300	mg/Kg	Y	J	2
K0709371	Trans-A-Top	NWTPH-DX	D	Residual Range Organics	360	mg/Kg	L	J	2
K0709371	Trans-A-Top	SW8081A	D	2,4'-DDT	6.3	ug/Kg	PD	NJ	3

Qualified Data Summary Table
SAIC - South Park Marina

SDG	Sample_ID	Method	Total or Dissolved	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
K0709371	Trans-A-Top	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	310	ug/Kg	JD	U	7
K0709371	Trans-B-Bot	SW8081A	D	4,4'-DDT	17	ug/Kg		J	12
K0709371	Trans-B-Bot	SW8270C	D	Phenol	28	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Acenaphthylene	1.9	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Diethylphthalate	2	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Phenanthrene	11	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Anthracene	3	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Di-N-Butylphthalate	28	ug/Kg		U	7
K0709371	Trans-B-Bot	SW8270C	D	Fluoranthene	30	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Pyrene	30	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Benzo(a)anthracene	12	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Chrysene	24	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Bis(2-Ethylhexyl) Phthalate	76	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Benzo(b)fluoranthene	26	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Benzo(k)fluoranthene	9	ug/Kg	T	U	7
K0709371	Trans-B-Bot	SW8270C	D	Benzo(a)pyrene	16	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Indeno(1,2,3-cd)pyrene	17	ug/Kg	B	U	7
K0709371	Trans-B-Bot	SW8270C	D	Benzo(ghi)perylene	20	ug/Kg	B	U	7
K0709371	Trans-B-Top	NWTPH-DX	D	Diesel Range Organics	160	mg/Kg	H	J	2
K0709371	Trans-B-Top	NWTPH-DX	D	Residual Range Organics	620	mg/Kg	O	J	2
K0709371	Trans-B-Top	NWTPH-GX	D	Gasoline Range Organics	5.1	mg/Kg	T	U	7
K0709371	Trans-B-Top	SW8081A	D	4,4'-DDT	95	ug/Kg	D	J	12
K0709371	Trans-B-Top	SW8081A	D	2,4'-DDT	27	ug/Kg	P	NJ	3
K0709371	Trans-B-Top	SW8270C	D	Phenol	250	ug/Kg	D	U	7
K0709371	Trans-B-Top	SW8270C	D	Naphthalene	17	ug/Kg	BJD	U	7
K0709371	Trans-B-Top	SW8270C	D	2-Methylnaphthalene	14	ug/Kg	JD	U	7
K0709371	Trans-B-Top	SW8270C	D	Acenaphthylene	15	ug/Kg	JD	U	7
K0709371	Trans-B-Top	SW8270C	D	Diethylphthalate	39	ug/Kg	JD	U	7
K0709371	Trans-B-Top	SW8270C	D	Phenanthrene	130	ug/Kg	BD	U	7
K0709371	Trans-B-Top	SW8270C	D	Anthracene	35	ug/Kg	JD	U	7
K0709371	Trans-B-Top	SW8270C	D	Di-N-Butylphthalate	430	ug/Kg	D	U	7
K0709371	Trans-B-Top	SW8270C	D	Fluoranthene	360	ug/Kg	BD	U	7
K0709371	Trans-B-Top	SW8270C	D	Pyrene	380	ug/Kg	BD	U	7
K0709371	Trans-B-Top	SW8270C	D	Benzo(a)anthracene	190	ug/Kg	BD	U	7
K0709371	Trans-B-Top	SW8270C	D	Chrysene	420	ug/Kg	D	U	7
K0709371	Trans-B-Top	SW8270C	D	Benzo(a)pyrene	250	ug/Kg	D	U	7

EcoChem, INC.
Environmental Data Quality

Transmittal

DATE: May 16, 2008

PROJECT NO.: C4124-2

TO: **Mark Dagel**
SAIC
18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

FROM: **Christine Ransom**
EcoChem, Inc.
710 Second Avenue, Suite 660
Seattle, Washington 98104
(206) 233-9332 ext. 102

VIA: **USPS**

WE ARE SENDING THE FOLLOWING MATERIALS:

South Park Marina Site data validation report

Sincerely,

Chris Ransom
Project Manager
EcoChem, Inc.

Copies: Project files
Chron

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EcoChem, INC.
Environmental Data Quality

DATA VALIDATION REPORT

Washington Department of Ecology Toxics Cleanup Program
South Park Marina – Site Reconnaissance Investigation

Prepared for:

SAIC
18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

Prepared by:

EcoChem, Inc.
710 Second Avenue, Suite 660
Seattle, Washington 98104

EcoChem Project: C4124-2

May 14, 2008

Approved for Release

Christine Ransom
Project Manager
EcoChem, INC.

INTRODUCTION

Basis for the Data Validation

This report summarizes the results of the summary (Level III) data validation performed on sediment, water, and quality control (QC) sample data for the Washington Department of Ecology – Site Reconnaissance Investigation at South Park Marina, Seattle, Washington. A complete list of samples is provided in the **Sample Index**. Columbia Analytical Services, Kelso, Washington performed all analyses. The analytical methods and EcoChem project chemists are listed below.

Analysis	Method of Analysis	Primary Review	Secondary Review
Volatile Organic Compounds	SW8260B	Jennifer Newkirk	Mark Brindle
Semivolatile Organic Compounds	SW8270C	Jennifer Newkirk	Mark Brindle
Chlorinated Pesticides	SW8081A	Mark Lybeer	Mark Brindle
PCB Aroclors	SW8082	Mark Lybeer	Mark Brindle
Diesel and Residual Range Hydrocarbons	NWTPH-Dx	Mark Lybeer	Mark Brindle
Hydrocarbon Identification	NWTPH-HCID	Mark Lybeer	Mark Brindle
Metals	SW6020, SW7471A, SW7470A	Linda Holz	Christine Ransom
Total Solids	EPA 160.3	Linda Holz	Christine Ransom

The data validation is based on QC criteria documented in the above listed methods, the *Sampling and Analysis Plan (SAP) – South Park Marina, Seattle, Washington Site Reconnaissance Investigation, (2007)*; and *USEPA National Functional Guidelines for Organic* (1999) *and Inorganic (2004) Data Review*. The QC criteria are summarized in **Appendix A.**

EcoChem's goal in assigning data validation qualifiers is to assist in proper data interpretation. If values are estimated (assigned a J), data may be used for site evaluation purposes but reasons for data qualification should be taken into consideration when interpreting sample concentrations. Values with no data qualifier meet all data quality goals as outlined in the EPA Functional Guidelines.

Data qualifier definitions and data validation criteria tables are included as **Appendix A**. **Appendix B** contains the Qualified Data Summary Table. Data validation worksheets are kept on file at EcoChem.

Sample Index
SAIC - South Park Marina
SDG: K0802276

SAMPLE ID	LAB ID	MATRIX	SW8260B	SW8270C	SW8082	SW8081A	HCID	NWTPH-Dx	SW6020	SW7471A	EPA160.3M
MW-3-031208	K0802776-001	Water	X			X			X	X	
MW-1-031208	K0802776-003	Water	X			X			X	X	
MW-2-031208	K0802776-005	Water	X			X			X	X	
TB-2	K0802776-006	Water	X								
Trans-A-Sed	K0802776-002	Sediment		X	X	X	X	X	X	X	X
Trans-B-Sed	K0802776-004	Sediment		X	X	X	X	X	X	X	X

DATA VALIDATION REPORT
South Park Marina
Semivolatile Organic Compounds – EPA Method 8270C

This report documents the review of analytical data from the analyses of sediment samples and the associated laboratory quality control (QC) samples. Columbia Analytical Services, Inc., Kelso, Washington, analyzed the samples. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	2 Sediment

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy laboratory data package. No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

	Holding Times and Sample Receipt		Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	GC/MS Instrument Performance Check	1	Laboratory Control Samples (LCS/LCSD)
	Initial Calibration (ICAL)	2	Standard Reference Material (SRM)
	Continuing Calibration (CCAL)		Internal Standards
2	Laboratory Blanks		Target Analyte List
1	Surrogate Compounds		Reporting Limits (MDL and MRL)

[1] *Quality control results are discussed below, but no data were qualified.*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Laboratory Blanks

A laboratory blank was analyzed at the appropriate frequency. Positive results for benzyl alcohol and diethyl phthalate were reported in the blank. To assess the impact of each blank contaminant on the reported sample results, an action level was established at five times the concentration reported in the blank. Positive results in the associated sample less than the action level were qualified as not detected (U-7). If the result was less than the reporting limit, then the result was elevated to the reporting limit. No action was taken if the sample result was greater than the action level or for non-detected results.

Surrogate Compounds

The percent recovery (%R) value for 2,4,6-tribromophenol was greater than the upper control limit in Sample Trans-A-SedMSD. No action was taken as qualifiers are not assigned to QC samples.

Laboratory Control Samples (LCS/LCSD)

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) relative percent difference (RPD) value for benzoic acid was greater than the control limit of 40%. Benzoic acid was not detected in the associated samples, therefore no qualifiers were required.

Standard Reference Material (SRM)

The SRM result for benzo(k)fluoranthene was greater than the upper control limit. The associated results for this compound were estimated (J-12) to indicate a potential high bias.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, LCS/LCSD, SRM, and matrix spike/matrix spike duplicate (MS/MSD) %R values, with the exceptions noted above. Precision was also acceptable as demonstrated by the LCS/LCSD and MS/MSD RPD values, with the exception previously noted.

Detection limits were elevated based on laboratory blank contamination. Data were estimated based on an SRM %R outlier.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Volatile Organic Compounds - EPA Method 8260B

This report documents the review of analytical data from the analyses of water samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	3 Water and 1Trip Blank

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy laboratory data package. No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

	Holding Times & Sample Receipt	Matrix Spike/Matrix Spike Duplicate (MS/MSD)
	GC/MS Instrument Performance Check	Laboratory Control Sample (LCS)
1	Initial Calibration (ICAL)	Internal Standards
1	Continuing Calibration (CCAL)	Target Analyte List
	Laboratory Blanks	Reporting Limits (MDL and MRL)
	Field Blanks	Reported Results
	Surrogate Compounds	

[1] *Quality control results are discussed below, but no data were qualified*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Initial Calibration

The relative response factor (RRF) values were greater than the 0.05 minimum control limit with the exceptions noted below. No qualifiers were required as the continuing calibration (CCAL) demonstrated that the compound responses were stable. All percent relative standard deviation (%RSD) values or correlation coefficients were within control limits.

The RRF values for acetone, 2-butanone, and 2-hexanone from the ICAL analyzed on 3/3/08 (Instrument MS18) were less than the minimum control limit.

Continuing Calibration

The RRF values were greater than the 0.05 minimum control limit for the CCALs with the exceptions noted below. The responses were stable, therefore no qualifiers were applied on this basis. The CCAL percent difference (%D) values were within the ±25% control limits, with the exceptions noted below.

The RRF values were less than the minimum control limit of 0.05 for acetone, 2-butanone, 2-hexanone, and 1,2-dibromo-3-chloropropane in the CCAL analyzed 3/24/08 (Instrument MS18). The %D value for bromomethane exceeded the ±25% control limit. The %D outlier was indicative of a potential high bias. Bromomethane was not detected in the associated samples; reporting limits were unaffected by the high bias and no qualification of data was necessary.

Field Blanks

A positive result for toluene was reported in trip blank, TB-2. No positive results for this analyte were reported in the field samples, therefore no qualifiers were required.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable as demonstrated by the surrogate, laboratory control sample, and matrix spike/matrix spike duplicate (MS/MSD) percent recovery values. Precision was also acceptable as demonstrated by the MS/MSD relative percent difference values.

All data, as reported, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Chlorinated Pesticides - EPA Method 8081A

This report documents the review of analytical data from the analyses of sediment and water samples and the associated laboratory quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	2 Sediment, 3 Water

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverables (EDD) results was performed by comparison to the hardcopy laboratory data package. No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Holding Times and Sample Receipt	2	Matrix Spike/Matrix Spike Duplicate (MS/MSD)
Initial Calibration (ICAL)	2	Laboratory Control Samples (LCS/LCSD)
Continuing Calibration (CCAL)		Target Analyte List
Analyte Breakdown	1	Reporting Limits (MDL and MRL)
Laboratory Blanks	2	Compound Identification
Surrogate Compounds		

[1] *Quality control results are discussed below, but no data were qualified*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Matrix Spike/Matrix Spike Duplicates

For the sediment samples, matrix spike/matrix spike duplicate (MS/MSD) analyses were performed using Sample Trans-A-Sed. The %R values for aldrin and 2,4'-DDD were less than 10%. The positive results for these analytes were estimated (J-8) in the parent sample to indicate a potential low bias. The %R values for 2,4'-DDT were greater than the upper control limit. This analyte was not detected in the parent sample; no qualification was necessary for the potential high bias. The MS %R value for 4,4'-DDE was greater than the upper control limit. The MSD recovery was acceptable, therefore no action was taken. The MS/MSD RPD value for dieldrin was greater than the control limit. This analyte was not detected in the parent sample and no qualification was necessary.

Laboratory Control Samples (LCS/LCSD)

For the laboratory control sample/laboratory control sample duplicates (LCS/LCSD) associated with the water analyses, the relative percent difference (RPD) value for aldrin was greater than the upper control limit. The positive result for aldrin Sample MW-3-031208 was estimated (J-9).

Reporting Limits (Method Detection Limit and Method Reporting Limit)

Sample MW-3-031208 was analyzed at a dilution of 5x for dieldrin; the reporting limit was elevated accordingly.

Sample Trans-A-Sed was analyzed at a 10x dilution for 2,4'-DDD, 2,4'-DDT, and 4,4'-DDT. The reporting limits were elevated accordingly.

For the sediment samples Trans-A-Sed and Trans-B-Sed, the detection limits for several target analytes were elevated due to interferences from high levels of Aroclor 1260.

Compound Identification

The results from the two analytical columns were compared for agreement. The control limit for the RPD value between the two columns is 40%. An elevated RPD value may indicate the presence of an interferent resulting in a high bias.

The RPD value for 2,4′-DDD for Sample Trans-A-Sed was greater than the control limit. Because the RPD was also greater than 60%, the 2,4′-DDD result for this sample was qualified as tentatively identified (NJ-3).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, LCS/LCSD, and MS/MSD %R values, with the exceptions noted above. Precision was also acceptable as demonstrated by the MS/MSD and LCS/LCSD RPD values, with the exceptions previously noted.

One result for 2,4'-DDD was qualified as tentatively identified because the confirmation criterion was not met. Data were also estimated because of LCS/LCSD RPD and MS/MSD %R outliers.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
PCB Aroclors - Method SW8082

This report documents the review of analytical data from the analyses of sediment samples and the associated laboratory quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	2 Sediment

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverables (EDD) results was performed by comparison to the hardcopy laboratory data package. No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Holding Times and Sample Receipt		Matrix Spike/Matrix Spike Duplicate (MS/MSD)
Initial Calibration (ICAL)		Laboratory Control Samples (LCS/LCSD)
Continuing Calibration (CCAL)		Target Analyte List
Laboratory Blanks	1	Reporting Limits (MDL and MRL)
Surrogate Compounds		Compound Identification
Standard Reference Material (SRM)		Calculation Verification (full validation only)

[1] *Quality control results are discussed below, but no data were qualified*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Reporting Limits (Method Detection Limit and Method Reporting Limit)

Sample Trans-A-Sed was analyzed at a dilution of 5x. Reporting limits were elevated accordingly.

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate, laboratory control sample, and matrix spike/matrix spike duplicate (MS/MSD) percent recovery values. Precision was also acceptable as demonstrated by the relative percent difference values for the MS/MSD analyses.

All data, as reported, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Diesel and Residual Range Hydrocarbons - Method NWTPH-Dx
Hydrocarbon Identification – NWTPH-HCID

This report documents the review of analytical data from the analyses of sediment samples and the associated laboratory quality control (QC) samples. Samples were analyzed by Columbia Analytical Services, Inc., Kelso, Washington. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	2 Sediment

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

All samples were initially analyzed by method NWTPH-HCID. Only samples with positively identified petroleum hydrocarbons were subsequently analyzed by method NWTPH-Gx and/or NWTPH-Dx to provide a quantitative measurement of the specific hydrocarbon range.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. No errors were found.

III. TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Holding Times and Sample Receipt		Laboratory Control Samples (LCS)
Initial Calibration (ICAL)		Laboratory Duplicates
Continuing Calibration (CCAL)		Target Analyte List
Laboratory Blanks		Reporting Limits (MDL and MRL)
Surrogate Compounds	2	Compound Identification

[1] *Quality control results are discussed below, but no data were qualified.*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Compound Identification

The chromatographic patterns for Samples TRANS-A-SED and TRANS-B-SED did not match those of the diesel and residual range organics (DRO and RRO) standards used for calibration. These results were estimated (J-2).

IV. OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical method. Accuracy was acceptable, as demonstrated by the surrogate and laboratory control sample percent recovery values. Precision was also acceptable as demonstrated by the laboratory duplicate relative percent difference values.

Data were estimated due to chromatographic patterns that did not match the calibration standards.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
South Park Marina
Metals - Methods SW6020, SW7471A and SW7470A
Total Solids - Method 160.3

This report documents the review of analytical data from the analyses of sediment and water samples and the associated laboratory quality control (QC) samples. Columbia Analytical Services, Inc., Kelso, Washington, analyzed the samples. Summary (Level III) validation was performed for all data.

SDG	Number of Samples
K0802276	2 Sediment, 3 Water

I. DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

II. EDD TO HARDCOPY VERIFICATION

A complete (100%) verification of the electronic data deliverable (EDD) results was performed by comparison to the hardcopy data package. No errors were found

III. TECHNICAL DATA VALIDATION

The QC requirements for review are listed below.

1	Holding Times and Sample Preservation		Matrix Spikes (MS)
	Initial Calibration		Laboratory Duplicates
	Calibration Verification		Interference Check Samples
	CRDL Standards	2	Serial Dilutions
2	Laboratory Blanks		ICPMS Internal Standards
	Laboratory Control Samples (LCS)		Reported Results

[1] *Quality control results are discussed below, but no data were qualified.*
[2] *Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.*

Holding Times and Sample Preservation

The preservation requirement for water samples submitted for total metals analysis is that the pH must be less than 2. The pH of Sample MW-1-031208 was greater than 2 when received at the laboratory; concentrated nitric acid was added upon receipt . This pH outlier did not impact data quality and no action was taken.

Laboratory Blanks

Cadmium, chromium, mercury, silver, and zinc were detected the method blank and various instrument blanks at levels greater than the method detection limits (MDL). To evaluate the effect on the sample data, action levels of five times the blank concentrations were established. The silver results for the water samples were qualified as not detected (U-7). Results for the other analytes were greater than the action limits and no qualification of data was necessary.

ICP Serial Dilutions

Serial dilutions were analyzed at the proper frequency of one per 20 samples or one per batch; whichever was more frequent. The percent difference (%D) values were less than the control limit of 10% for results greater than 50x the MDL, with the following exceptions:

For the sediment samples, the serial dilution %D values for arsenic (19%), copper (22%), and zinc (31%) were greater than the control limit. All associated results were estimated (J-16).

IV. OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical methods. The laboratory duplicate relative percent difference values indicated acceptable precision. Accuracy was also acceptable, as demonstrated by the matrix spike and laboratory control sample recoveries.

Detection limits were elevated based on blank contamination. Data were estimated based on serial dilution %D outliers

All data, as qualified, are acceptable for use.

EcoChem, INC.
Environmental Data Quality

APPENDIX A
DATA QUALIFIER DEFINITIONS REASON CODES

DATA VALIDATION QUALIFIER CODES
National Functional Guidelines

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents the approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The following is an EcoChem qualifier that may also be assigned during the data review process:

DNR	Do not report; a more appropriate result is reported from another analysis or dilution.

DATA QUALIFIER REASON CODES

1	Holding Time/Sample Preservation
2	Chromatographic pattern in sample does not match pattern of calibration standard.
3	Compound Confirmation
4	Tentatively Identified Compound (TIC) (associated with NJ only)
5A	Calibration (initial)
5B	Calibration (continuing)
6	Field Blank Contamination
7	Lab Blank Contamination (e.g., method blank, instrument, etc.)
8	Matrix Spike(MS & MSD) Recoveries
9	Precision (all replicates)
10	Laboratory Control Sample Recoveries
11	A more appropriate result is reported (associated with "R" and "DNR" only)
12	Reference Material
13	Surrogate Spike Recoveries (a.k.a., labeled compounds & recovery standards)
14	Other (define in validation report)
15	GFAA Post Digestion Spike Recoveries
16	ICP Serial Dilution % Difference
17	ICP Interference Check Standard Recovery
18	Trip Blank Contamination
19	Internal Standard Performance (e.g., area, retention time, recovery)
20	Linear Range Exceeded
21	Potential False Positives

EcoChem Validation Guidelines for Volatile Analysis by GC/MS (Based on Organic NFG 1999)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature	4°C±2°C Water: HCl to pH < 2	J(+)/UJ(-) if greater than 6 deg. C **(EcoChem PJ)**	1
Hold Time	Waters: 14 days preserved 7 Days: unpreserved (for aromatics) Solids: 14 Days	J(+)/UJ(-) if hold times exceeded If exceeded by > 3X HT: J(+)/R(-) **(EcoChem PJ)**	1
Tuning	BFB Beginning of each 12 hour period Method acceptance criteria	R(+/-) all analytes in all samples associated with the tune	5A
Initial Calibration (Minimum 5 stds.)	RRF > 0.05	**(EcoChem PJ, see TM-06)** If MDL= reporting limit: J(+)/R(-) if RRF < 0.05 If reporting limit > MDL: note in worksheet if RRF <0.05	5A
	%RSD < 30%	**(EcoChem PJ, see TM-06)** J(+) if %RSD > 30%	5A
Continuing Calibration (Prior to each 12 hr. shift)	RRF > 0.05	**(EcoChem PJ, see TM-06)** If MDL= reporting limit: J(+)/R(-) if RRF < 0.05 If reporting limit > MDL: note in worksheet if RRF <0.05	5B
	%D <25%	**(EcoChem PJ, see TM-06)** If > +/-90%: J+/R- If -90% to -26%: J+ (high bias) If 26% to 90%: J+/UJ- (low bias)	5B
Method Blank	One per matrix per batch No results > CRQL	U(+) if sample (+) result is less than CRQL and less than appropriate 5X or 10X rule (raise sample value to CRQL)	7
		U(+) if sample (+) result is greater than or equal to CRQL and less than appropriate 5X and 10X rule (at reported sample value)	7
	No TICs present	R(+) TICs using 10X rule	7
Storage Blank	One per SDG <CRQL	U(+) the specific analyte(s) results in all assoc.samples using the 5x or 10x rule	7
Trip Blank	Frequency as per project QAPP	Same as method blank for positive results remaining in trip blank after method blank qualifiers are assigned	18
Field Blanks (if required in QAPP)	No results > CRQL	Apply 5X/10X rule; U(+) < action level	6

EcoChem Validation Guidelines for Volatile Analysis by GC/MS (Based on Organic NFG 1999)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
MS/MSD (recovery)	One per matrix per batch Use method acceptance criteria	Qualify parent only unless other QC indicates systematic problems: J(+) if both %R > UCL J(+)/UJ(-) if both %R < LCL J(+)/R(-) if both %R < 10% **PJ if only one %R outlier**	8
MS/MSD (RPD)	One per matrix per batch Use method acceptance criteria	J(+) in parent sample if RPD > CL	9
LCS *low conc. H2O VOA*	One per lab batch Within method control limits	J(+) assoc. cmpd if > UCL J(+)/R(-) assoc. cmpd if < LCL J(+)/R(-) all cmpds if half are < LCL	10
LCS *regular VOA (H2O & solid)*	One per lab batch Lab or method control limits	J(+) if %R > UCL J(+)/UJ(-) if %R <LCL J(+)/R(-) if %R < 10% **(EcoChem PJ)**	10
LCS/LCSD *(if required)*	One set per matrix and batch of 20 samples RPD < 35%	J(+)/UJ(-) assoc. cmpd. in all samples	9
Surrogates	Added to all samples Within method control limits	J(+) if %R >UCL J(+)/UJ(-) if %R <LCL but >10% **(see PJ[1])** J(+)/R(-) if <10%	13
Internal Standard (IS)	Added to all samples Acceptable Range: IS area 50% to 200% of CCAL area RT within 30 seconds of CC RT	J(+) if > 200% J(+)/UJ(-) if < 50% J(+)/R(-) if < 25% RT>30 seconds, **narrate and Notify PM**	19
Field Duplicates	**Use QAPP limits. If no QAPP:** Solids: RPD <50% OR absolute diff. < 2X RL (for results < 5X RL) Aqueous: RPD <35% OR absolute diff. < 1X RL (for results < 5X RL)	Narrate and qualify if required by project **(EcoChem PJ)**	9
TICs	Major ions (>10%) in reference must be present in sample; intensities agree within 20%; check identification	NJ the TIC unless: R(+) common laboratory contaminants **See Technical Director for ID issues**	4
Quantitation/ Identification	RRT within 0.06 of standard RRT Ion relative intensity within 20% of standard All ions in std. at > 10% intensity must be present in sample	**See Technical Director if outliers**	14 21 (false +)

PJ[1] No action if there are 4+ surrogates and only 1 outlier.

EcoChem Validation Guidelines for Semivolatile Analysis by GC/MS (Based on Organic NFG 1999)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature	4°C ±2°	J(+)/UJ(-) if greater than 6 deg. C (EcoChem PJ)	1
Holding Time	Water: 7 days from collection Soil: 14 days from collection Analysis: 40 days from extraction	Water: J(+)/UJ(-) if ext. > 7 and < 21 days J(+)/R(-) if ext > 21 days (EcoChem PJ) Solids/Wastes: J(+)/UJ(-) if ext. > 14 and < 42 days J(+)/R(-) if ext. > 42 days (EcoChem PJ) J(+)/UJ(-) if analysis >40 days	1
Tuning	DFTPP Beginning of each 12 hour period Method acceptance criteria	R(+/-) all analytes in all samples associated with the tune	5A
Initial Calibration (Minimum 5 stds.)	RRF > 0.05	(EcoChem PJ, see TM-06) If MDL= reporting limit: J(+)/R(-) if RRF < 0.05 If reporting limit > MDL: note in worksheet if RRF <0.05	5A
	%RSD < 30%	(EcoChem PJ, see TM-06) J(+) if %RSD > 30%	5A
Continuing Calibration (Prior to each 12 hr. shift)	RRF > 0.05	(EcoChem PJ, see TM-06) If MDL= reporting limit: J(+)/R(-) if RRF < 0.05 If reporting limit > MDL: note in worksheet if RRF <0.05	5B
	%D <25%	(EcoChem PJ, see TM-06) If > +/-90%: J+/R- If -90% to -26%: J+ (high bias) If 26% to 90%: J+/UJ- (low bias)	5B
Method Blank	One per matrix per batch No results > CRQL	U(+) if sample (+) result is less than CRQL and less than appropriate 5X or 10X rule (raise sample value to CRQL)	7
		U(+) if sample (+) result is greater than or equal to CRQL and less than appropriate 5X and 10X rule (at reported sample value)	7
	No TICs present	R(+) TICs using 10X rule	7
Field Blanks (Not Required)	No results > CRQL	Apply 5X/10X rule; U(+) < action level	6

EcoChem Validation Guidelines for Semivolatile Analysis by GC/MS (Based on Organic NFG 1999)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
MS/MSD (recovery)	One per matrix per batch Use method acceptance criteria	Qualify parent only unless other QC indicates systematic problems: J(+) if both %R > UCL J(+)/UJ(-) if both %R < LCL J(+)/R(-) if both %R < 10% **PJ if only one %R outlier**	8
MS/MSD (RPD)	One per matrix per batch Use method acceptance criteria	J(+) in parent sample if RPD > CL	9
LCS **low conc. H2O SVOA**	One per lab batch Within method control limits	J(+) assoc. cmpd if > UCL J(+)/R(-) assoc. cmpd if < LCL J(+)/R(-) all cmpds if half are < LCL	10
LCS **regular SVOA (H2O & solid)**	One per lab batch Lab or method control limits	J(+) if %R > UCL J(+)/UJ(-) if %R <LCL J(+)/R(-) if %R < 10% **(EcoChem PJ)**	10
LCS/LCSD *(if required)*	One set per matrix and batch of 20 samples RPD < 35%	J(+)/UJ(-) assoc. cmpd. in all samples	9
Surrogates	Minimum of 3 acid and 3 base/neutral compounds Use method acceptance criteria	Do not qualify if only 1 acid and/or 1 B/N surrogate is out unless <10% J(+) if %R > UCL J(+)/UJ(-) if %R < LCL J(+)/R(-) if %R < 10%	13
Internal Standards	Added to all samples Acceptable Range: IS area 50% to 200% of CCAL area RT within 30 seconds of CC RT	J(+) if > 200% J(+)/UJ(-) if < 50% J(+)/R(-) if < 25% RT>30 seconds, **narrate and Notify PM**	19
Field Duplicates	**Use QAPP limits. If no QAPP:** Solids: RPD <50% OR absolute diff. < 2X RL (for results < 5X RL) Aqueous: RPD <35% OR absolute diff. < 1X RL (for results < 5X RL)	Narrate and qualify if required by project **(EcoChem PJ)**	9
TICs	Major ions (>10%) in reference must be present in sample; intensities agree within 20%; check identification	NJ the TIC unless: R(+) common laboratory contaminants **See Technical Director for ID issues**	4
Quantitation/ Identification	RRT within 0.06 of standard RRT Ion relative intensity within 20% of standard All ions in std. at > 10% intensity must be present in sample	**See Technical Director if outliers**	14 21 (false +)

EcoChem Validation Guidelines for Pesticides/PCBs by GC/ECD (Based on Organic NFG 1999 & EPA SW-846 Method 8081/8082)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature	4°C ±2°	J(+)/UJ(-) if greater than 6 deg. C (EcoChem PJ)	1
Holding Time	Water: 7 days from collection Soil: 14 days from collection Analysis: 40 days from extraction	J(+)/UJ(-) if ext/analyzed > HT J(+)/R(-) if ext/analyzed > 3X HT (EcoChem PJ)	1
Resolution Check	Beginning of ICAL Sequence Within RTW Resolution >90%	Narrate (Use Professional Judgement to qualify)	14
Instrument Performance (Breakdown)	DDT Breakdown: < 20% Endrin Breakdown: <20% Combined Breakdown: <30% Compounds within RTW	J(+) DDT NJ(+) DDD and/or DDE R(-) DDT - If (+) for either DDE or DDD J(+) Endrin NJ(+) EK and/or EA R(-) Endrin - If (+) for either EK or EA	5A
Retention Times	Surrogates: TCX (+/- 0.05); DCB (+/- 0.10) Target compounds: elute before heptachlor epoxide (+/- 0.05) elute after heptachlor epoxide (+/- 0.07)	NJ(+)/R(-) results for analytes with RT shifts **For full DV, use PJ based on examination of raw data**	5B
Initial Calibration	Pesticides: Low=CRQL, Mid=4X, High=16X Multiresponse - one point Calibration %RSD<20% %RSD<30% for surr; two comp. may exceed if <30% Resolution in Mix A and Mix B >90%	J(+)/UJ(-)	5A
Continuing Calibration	Alternating PEM standard and INDA/INDB standards every 12 hours (each preceeded by an inst. Blank) %D < 25% Resolution >90% in IND mixes; 100% for PEM	J(+)/UJ(-) J(+)R(-) if %D > 90% **PJ for resolution**	5B
Method Blank	One per matrix per batch No results > CRQL	U(+) if sample result is < CRQL and < 5X rule (raise sample value to CRQL) U(+) if sample result is > or equal to CRQL and < 5X rule (at reported sample value)	7
Instrument Blanks	Analyzed at the beginning of every 12 hour sequence No analyte > 1/2 CRQL	Same as Method Blank	7
Field Blanks	Not addressed by NFG No results > CRQL	Apply 5X rule; U(+) < action level	6

EcoChem Validation Guidelines for Pesticides/PCBs by GC/ECD (Based on Organic NFG 1999 & EPA SW-846 Method 8081/8082)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
MS/MSD (recovery)	One set per matrix per batch Method Acceptance Criteria	Qualify parent only unless other QC indicates systematic problems: J(+) if both %R > UCL J(+)/UJ(-) if both %R < LCL J(+)/R(-) if both %R < 10% **PJ if only one %R outlier**	8
MS/MSD (RPD)	One set per matrix per batch Method Acceptance Criteria	J(+) in parent sample if RPD > CL	9
LCS	One per SDG Method Acceptance Criteria	J(+) if %R > UCL J(+)/UJ(-) if %R < LCL J(+)/R(-) using PJ if %R <<LCL (< 10%)	10
LCS/LCSD *(if required)*	One set per matrix and batch of 20 samples RPD < 35%	J(+)/UJ(-) assoc. cmpd. in all samples	9
Surrogates	TCX and DCB added to every sample %R = 30-150%	J(+)/UJ(-) if both %R = 10 - 60% J(+) if both >150% J(+)/R(-) if any %R <10%	13
Quantitation/ Identification	Quantitated using ICAL calibration factor (CF) RPD between columns <40%	J(+) if RPD = 40 - 60% NJ(+) if RPD >60% **EcoChem PJ - See TM-08**	3
Two analyses for one sample	Report only one result per analyte	"DNR" results that should not be used to avoid reporting two results for one sample	11
Sample Clean-up	GPC required for soil samples Florisil required for all samples Sulfur is optional Clean-up standard check %R within CLP limits	J(+)/UJ(-) if %R < LCL J(+) if %R > UCL	14
Field Duplicates	**Use QAPP limits. If no QAPP:** Solids: RPD <50% OR absolute diff. < 2X RL (for results < 5X RL) Aqueous: RPD <35% OR absolute diff. < 1X RL (for results < 5X RL)	Narrate **(Qualifiy if required by project QAPP)**	9

EcoChem Validation Guidelines for Total Petroleum Hydrocarbons-Diesel & Residual Range

(Based on EPA National Functional Guidelines as applied to criteria in NWTPH-Dx, June 1997, Wa DOE & Oregon DEQ)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature & Preservation	4°C±2°C Water: HCl to pH < 2	J(+)/UJ(-) if greater than 6 deg. C	1
Holding Time	Ext. Waters: 14 days preserved 7 days unpreserved Ext. Solids: 14 Days Analysis: 40 days from extraction	J(+)/UJ(-) if hold times exceeded J(+)/R(-) if exceeded > 3X **(EcoChem PJ)**	1
Initial Calibration	5 calibration points (All within 15% of true value) Linear Regression: $R^2 \geq 0.990$ If used, RSD of response factors ≤20%	Narrate if fewer than 5 calibration levels or if %R >15% J(+)/UJ(-) if R^2 <0.990 J(+)/UJ(-) if %RSD > 20%	5A
Mid-range Calibration Check Std.	Analyzed before and after each analysis shift & every 20 samples. Recovery range 85% to 115%	Narrate if frequency not met. J(+)/UJ(-) if %R < 85% J(+) if %R >115%	5B
Method Blank	At least one per batch (≤10 samples) No results >RL	U (at the RL) if sample result is < RL & < 5X blank result.	7
		U (at reported sample value) if sample result is ≥ RL and < 5X blank result	7
Field Blanks (if required by project)	No results > RL	Action is same as method blank for positive results remaining in the field blank after method blank qualifiers are assigned.	6
MS samples (accuracy) (if required by project)	%R within lab control limits	Qualify parent only, unless other QC indicates systematic problems. J(+) if both %R > upper control limit (UCL) J(+)/UJ(-) if both %R < lower control limit (LCL) No action if parent conc. >5X the amount spiked. **Use PJ if only one %R outlier**	8
Precision: MS/MSD or LCS/LCSD or sample/dup	At least one set per batch (≤10 samples) RPD ≤ lab control limit	J(+) if RPD > lab control limits	9
LCS (not required by method)	%R within lab control limits	J(+)/UJ(-) if %R < LCL J(+) if %R > UCL J(+)/R(-) if any %R <10% **(EcoChem PJ)**	10

EcoChem Validation Guidelines for Total Petroleum Hydrocarbons-Diesel & Residual Range

(Based on EPA National Functional Guidelines as applied to criteria in NWTPH-Dx, June 1997, Wa DOE & Oregon DEQ)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Surrogates	2-fluorobiphenyl, p-terphenyl, o-terphenyl, and/or pentacosane added to all samples (inc. QC samples). %R = 50-150%	J(+)/UJ(-) if %R < LCL J(+) if %R > UCL J(+)/R(-) if any %R <10% No action if 2 or more surrogates are used, and only one is outside control limits. **(EcoChem PJ)**	13
Pattern Identification	Compare sample chromatogram to standard chromatogram to ensure range and pattern are reasonable match. Laboratory may flag results which have poor match.	J(+)	2
Field Duplicates	Use project control limits, if stated in QAPP **EcoChem default:** water: RPD < 35% solids: RPD < 50%	Narrate (Use Professional Judgement to qualify)	9
Two analyses for one sample (dilution)	Report only one result per analyte	"DNR" (or client requested qualifier) all results that should not be reported. **(See TM-04)**	11

EcoChem Validation Guidelines for Metals Analysis by ICP-MS (Based on Inorganic NFG 1994 & 2004)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature and Preservation	Cooler temperature: 4°C ±2° Waters: Nitric Acid to pH < 2 For Dissolved Metals: 0.45um filter & preserve after filtration	EcoChem Professional Judgment - no qualification based on cooler temperature outliers J(+)/UJ(-) if pH preservation requirements are not met	1
Holding Time	180 days from date sampled Frozen tissues - HT extended to 2 years	J(+)/UJ(-) if holding time exceeded	1
Tune	Prior to ICAL monitoring compounds analyzed 5 times wih Std Dev. ≤ 5% mass calibration <0.1 amu from True Value Resolution < 0.9 AMU @ 10% peak height or <0.75 amu @ 5% peak height	Use Professional Judgment to evaluate tune J(+)/UJ(-) if tune criteria not met	5A
Initial Calibration	Blank + minimum 1 standard If more than 1 standard, r>0.995	J(+)/UJ(-) if r<0.995 (for multi point cal)	5A
Initial Calibration Verification (ICV)	Independent source analyzed immediately after calibration %R within ±10% of true value	J(+)/UJ(-) if %R 75-89% J(+) if %R = 111-125% R(+) if %R > 125% R(+/-) if %R < 75%	5A
Continuing Calibration Verification (CCV)	Every ten samples, immediately following ICV/ICB and at end of run ±10% of true value	J(+)/UJ(-) if %R = 75-89% J(+) if %R 111-125% R(+) if %R > 125% R(+/-) if %R < 75%	5B

Initial and Continuing Calibration Blanks (ICB/CCB)	After each ICV and CCV
	every ten samples and end of run
	| blank | < IDL (MDL)
		Action level is 5x absolute value of blank conc.
		For (+) blanks, U(+) results < action level
		For (-) blanks, J(+)/UJ(-) results < action level
		refer to **TM-02** for additional details
			7

Reporting Limit Standard (CRI)	2x RL analyzed beginning of run Not required for Al, Ba, Ca, Fe, Mg, Na, K %R = 70%-130% (50%-150% Co,Mn, Zn)	R(-),(+) < 2x RL if %R < 50% (< 30% Co,Mn, Zn) J(+) < 2x RL, UJ(-) if %R 50-69% (30%-49% Co,Mn, Zn) J(+) < 2x RL if %R 130%-180% (150%-200% Co,Mn, Zn) R(+) < 2x RL if %R > 180% (200% Co, Mn, Zn)	14
Interference Check Samples (ICSA/ICSAB)	Required by SW 6020, but not 200.8 ICSAB %R 80% - 120% for all spiked elements | ICSA | < IDL (MDL) for all unspiked elements	For samples with Al, Ca, Fe, or Mg > ICS levels R(+/-) if %R < 50% J(+) if %R >120% J(+)/UJ(-) if %R = 50% to 79% Use Professional Judgment for ICSA to determine if bias is present see **TM-09** for additional details	17
Method Blank	One per matrix per batch (batch not to exceed 20 samples) blank < MDL	Action level is 5x blank concentration U(+) results < action level	7
Laboratory Control Sample (LCS)	One per matrix per batch Blank Spike: %R within 80%-120%	R(+/-) if %R < 50% J(+)/UJ(-) if %R = 50-79% J(+) if %R >120%	10
	CRM: Result within manufacturer's certified acceptance range or project guidelines	J(+)/UJ(-) if < LCL, J(+) if > UCL	

EcoChem Validation Guidelines for Metals Analysis by ICP-MS (Based on Inorganic NFG 1994 & 2004)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Matrix Spike/ Matrix Spike Duplicate (MS/MSD)	One per matrix per batch 75-125% for samples where results do not exceed 4x spike level	J(+) if %R>125% J(+)/UJ(-) if %R <75% J(+)/R(-) if %R<30% **or** J(+)/UJ(-) if Post Spike %R 75%-125% Qualify all samples In batch	8
Post-digestion Spike	If Matrix Spike is outside 75-125%, Spike parent sample at 2x the sample conc.	No qualifiers assigned based on this element	
Laboratory Duplicate (or MS/MSD)	One per matrix per batch RPD < 20% for samples > 5x RL Diff < RL for samples > RL and < 5 x RL (Diff < 2x RL for solids)	J(+)/UJ(-) if RPD > 20% or diff > RL all samples in batch	9
Serial Dilution	5x dilution one per matrix %D < 10% for original sample values > 50x MDL	J(+)/UJ(-) if %D >10% All samples in batch	16
Internal Standards	Every sample SW6020: 60%-125% of cal blank IS 200.8: 30%-120% of cal blank IS	J (+)/UJ (-) all analytes associated with IS outlier	19
Field Blank	Blank < MDL	Action level is 5x blank conc. U(+) sample values < AL in associated field samples only	6
Field Duplicate	For results > 5x RL: Water: RPD < 35% Solid: RPD < 50% For results < 5 x RL: Water: Diff < RL Solid: Diff < 2x RL	J(+)/UJ(-) in parent samples only	9
Linear Range	Sample concentrations must fall within range	J values over range	20

EcoChem Validation Guidelines for Mercury Analysis by CVAA (Based on Inorganic NFG 1994 & 2004)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature and Preservation	Cooler temperature: 4°C ±2° Waters: Nitric Acid to pH < 2 For Dissolved Metals: 0.45um filter & preserve after filtration	EcoChem Professional Judgment - no qualification based on cooler temperature outliers J(+)/UJ(-) if pH preservation requirements are not met	1
Holding Time	28 days from date sampled Frozen tissues: HT extended to 6 months	J(+)/UJ(-) if holding time exceeded	1
Initial Calibration	Blank + 4 standards, one at RL r > 0.995	J(+)/UJ(-) if r<0.995	5A
Initial Calibration Verification (ICV)	Independent source analyzed immediately after calibration %R within ±20% of true value	J(+)/UJ(-) if %R = 65%-79% J(+) if %R = 121-135% R(+/-) if %R < 65% R(+) if %R > 135%	5A
Continuing Calibration Verification (CCV)	Every ten samples, immediately following ICV/ICB and at end of run %R within ±20% of true value	J(+)/UJ(-) if %R = 65%-79% J(+) if %R = 121-135% R(+/-) if %R < 65% R(+) if %R > 135%	5B

Initial and Continuing Calibration Blanks (ICB/CCB)	after each ICV and CCV
	every ten samples and end of run
	| blank | < IDL (MDL)
		Action level is 5x absolute value of blank conc.
		For (+) blanks, U(+) results < action level
		For (-) blanks, J(+)/UJ(-) results < action level
		refer to **TM-02** for additional details
			7

Reporting Limit Standard (CRA)	conc at RL - analyzed beginning of run %R = 70-130%	R(-),(+)<2xRL if %R <50% J(+)<2x RL, UJ(-) if %R 50-69% J(+) <2x RL if %R 130-180% R(+)<2x RL if %R>180%	14
Method Blank	One per matrix per batch (batch not to exceed 20 samples) blank < MDL	Action level is 5x blank concentration U(+) results < action level	7
Laboratory Control Sample (LCS)	One per matrix per batch		10
	Blank Spike: %R within 80-120%	R(+/-) if %R < 50% J(+)/UJ(-) if %R = 50-79% J(+) if %R >120%	
	CRM: Result within manufacturer's certified acceptance range or project guidelines	J(+)/UJ(-) if < LCL, J(+) if > UCL	
Matrix Spike/Matrix Spike Duplicate (MS/MSD)	One per matrix per batch 5% frequency 75-125% for samples less than 4x spike level	J(+) if %R>125% J(+)/UJ(-) if %R <75% J(+)/R(-) if %R<30% all samples in batch	8
Laboratory Duplicate (or MS/MSD)	One per matrix per batch RPD < 20% for samples > 5x RL Diff < RL for samples > RL and < 5x RL (Diff < 2x RL for solids)	J(+)/UJ(-) if RPD > 20% or diff > RL all samples in batch	9

EcoChem Validation Guidelines for Mercury Analysis by CVAA (Based on Inorganic NFG 1994 & 2004)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Field Blank	Blank < MDL	Action level is 5x blank conc. U(+) sample values < action level in associated field samples only	6
Field Duplicate	For results > 5x RL: Water: RPD < 35% Solid: RPD < 50% For results < 5x RL: Water: Diff<RL Solid: Diff < 2x RL	J(+)/UJ(-) in parent samples only	9

EcoChem Validation Guidelines for Conventional Chemistry Analysis (Based on EPA Standard Methods)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Cooler Temperature and Preservation	Cooler Temperature 4°C ±2°C Preservation: Method Specific	Use Professional Judgment to qualify based to qualify for coole temp outliers J(+)/UJ(-) if preservation requirements not met	1
Holding Time	Method Specific	Professional Judgment J(+)/UJ(-) if holding time exceeded J(+)/R(-) if HT exceeded by > 3X	1
Initial Calibration	Method specific r>0.995	**Use professional judgment** J(+)/UJ(-) for r < 0.995	5A
Initial Calibration Verification (ICV)	Where applicable to method Independent source analyzed immediately after calibration %R method specific, usually 90% - 110%	R(+/-) if %R significantly < LCL J(+)/UJ(-) if %R < LCL J(+) if %R > UCL R(+) if %R significantly > UCL	5A
Continuing Cal Verification (CCV)	Where applicable to method Every ten samples, immed. following ICV/ICB and end of run %R method specific, usually 90% - 110%	R(+/-) if %R significantly < LCL J(+)/UJ(-) if %R < LCL J(+) if %R > UCL R(+) if %R significantly > UCL	5B

Initial and Continuing Cal Blanks (ICB/CCB)	Where applicable to method
	After each ICV and CCV every ten samples and end of run
	| blank| < MDL
		Action level is 5x absolute value of blank conc.
		For (+) blanks, U(+) results < action level
		For (-) blanks, J(+)/UJ(-) results < action level
		refer to TM-02 for additional details
			7

Method Blank	One per matrix per batch
	(not to exceed 20 samples)
	blank < MDL
		Action level is 5x absolute value of blank conc.
		For (+) blk value, U(+) results < action level
		For (-) blk value, J(+)/UJ(-) results < action level
			7

Laboratory Control Sample	Waters: One per matrix per batch %R (80-120%)	R(+/-) if %R < 50% J(+)/UJ(-) if %R = 50-79% J(+) if %R >120%	10
	Soils: One per matrix per batch Result within manufacturer's certified acceptance range	J(+)/UJ(-) if < LCL, J(+) if > UCL	10
Matrix Spike	One per matrix per batch; 5% frequency 75-125% for samples less than 4 x spike level	J(+) if %R > 125% or < 75% UJ(-) if %R = 30-74% R(+/-) results < IDL if %R < 30%	8
Laboratory Duplicate	One per matrix per batch RPD <20% for samples > 5x RL Diff <RL for samples >RL and <5 x RL (may use RPD < 35%, Diff < 2X RL for solids)	J(+)/UJ(-) if RPD > 20% or diff > RL all samples in batch	9

EcoChem Validation Guidelines for Conventional Chemistry Analysis (Based on EPA Standard Methods)

VALIDATION QC ELEMENT	ACCEPTANCE CRITERIA	ACTION	REASON CODE
Field Blank	blank < MDL	Action level is 5x blank conc. U(+) sample values < action level in associated field samples only	6
Field Duplicate	For results > 5X RL: Water: RPD < 35% Solid: RPD < 50% For results < 5 x RL: Water: Diff<RL Solid: Diff < 2X RL	J(+)/UJ(-) in parent samples only	9

EcoChem, INC.
Environmental Data Quality

APPENDIX B
QUALIFIED DATA SUMMARY TABLE

Qualified Data Summary Table
SAIC - South Park Marina
SDG K0802276

Sample_ID	Lab ID	Method	Analyte	Result	Units	Laboratory Qualifier	Validator Qualifier	Validator Reason
MW-1-031208	K0802776-003	SW6020	Silver	0.012	ug/L	B	U	7
MW-2-031208	K0802776-005	SW6020	Silver	0.005	ug/L	B	U	7
MW-3-031208	K0802776-001	SW6020	Silver	0.011	ug/L	B	U	7
MW-3-031208	K0802776-001	SW8081A	Aldrin	1.2	ng/L		J	9
Trans-A-Sed	K0802776-002	NWTPH-DX	Diesel Range Organics	87	mg/Kg	H	J	2
Trans-A-Sed	K0802776-002	NWTPH-DX	Residual Range Organics	490	mg/Kg	O	J	2
Trans-A-Sed	K0802776-002	SW6020	Arsenic	13	mg/Kg		J	16
Trans-A-Sed	K0802776-002	SW6020	Copper	42.5	mg/Kg		J	16
Trans-A-Sed	K0802776-002	SW6020	Zinc	83.8	mg/Kg		J	16
Trans-A-Sed	K0802776-002	SW8081A	2,4'-DDD	78	ug/Kg	PD	NJ	3,8
Trans-A-Sed	K0802776-002	SW8081A	Aldrin	46	ug/Kg		J	8
Trans-A-Sed	K0802776-002	SW8270C	Benzo(k)fluoranthene	54	ug/Kg		J	12
Trans-A-Sed	K0802776-002	SW8270C	Benzyl Alcohol	30	ug/Kg		U	7
Trans-A-Sed	K0802776-002	SW8270C	Diethylphthalate	6.3	ug/Kg	T	U	7
Trans-B-Sed	K0802776-004	NWTPH-DX	Diesel Range Organics	98	mg/Kg	H	J	2
Trans-B-Sed	K0802776-004	NWTPH-DX	Residual Range Organics	570	mg/Kg	O	J	2
Trans-B-Sed	K0802776-004	SW6020	Arsenic	18.5	mg/Kg		J	16
Trans-B-Sed	K0802776-004	SW6020	Copper	66.9	mg/Kg		J	16
Trans-B-Sed	K0802776-004	SW6020	Zinc	104	mg/Kg		J	16
Trans-B-Sed	K0802776-004	SW8270C	Benzo(k)fluoranthene	61	ug/Kg		J	12
Trans-B-Sed	K0802776-004	SW8270C	Diethylphthalate	14	ug/Kg	T	U	7