CLEANUP ACTION REPORT
AUTONATION/TOYOTA-SCION
8616 E. FIRST AVENUE
SPOKANE VALLEY, WASHINGTON

Prepared on behalf of:
AutoNation, Inc.
200 SW 1st Avenue, 14th Floor
Fort Lauderdale, Florida 33301
URS Project Number: 38619812

Prepared by:

920 N. Argonne Road, Suite 300
Spokane, Washington 99212
509.928.4413

April 1, 2014

URS

April 1, 2014

Mr. Phil Leinart
State of Washington- Department of Ecology
Toxics Cleanup Program- Eastern Regional Office
4601 North Monroe
Spokane, Washington 99205-1295

RE: Cleanup Action Report
AutoNation/Toyota-Scion
8616 E. Sprague Avenue
Spokane Valley, Washington
URS Project No.: 38619812

Dear Mr. Leinart:

This report documents site the activities undertaken by URS Corporation (URS) on behalf of AutoNation, Inc. (AutoNation) per our proposal dated February 11, 2014. The investigation activities described in this report were conducted at the Toyota-Scion site. The work was conducted concurrently with a building remodel at the subject site.

It is a pleasure to be of service to you. If you have questions, please contact the undersigned at (509) 944-3815.

Sincerely,
URS Corporation

Gary D. Panther, LG
Project Geologist

Cc: Michael Archey, AutoNation, Inc., 200 SW 1st Avenue 14th Floor, Fort Lauderdale, FL 33301

URS Corporation
920 N. Argonne Road, Suite 300
Spokane, WA 99212
Tel: 509.928.4413
Fax: 509.928.4415
www.urscorp.com

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1.0 SITE BACKGROUND

INTRODUCTION

This report documents the Cleanup Action activities undertaken by URS Corporation (URS) on behalf of AutoNation, Inc. (AutoNation). The investigation activities described in this report were conducted at the Toyota-Scion property located at 8616 E. First Avenue, Spokane Valley, Spokane County, Washington, (Figure 1, Vicinity Map). During renovation activities at the dealership, soil which exhibited petroleum odors were encountered beneath the shop floor in the vicinity of a former drywell. Discovery of the Drywell and environmental problem were reported to the Department of Ecology via email on February 14, 2014. A copy of the email notification is presented as Attachment A.

The cleanup action was conducted to minimize potential environmental impact and to seek regulatory closure for the incident at the subject site.

SCOPE OF WORK

URS completed the following scope of work to evaluate subsurface environmental conditions near the former drywell:

- Collected two multi-point composite samples from stockpiles of soil generated during the drywell removal and cleanup action. Soil samples were analyzed to characterize the material for disposal. Soil samples were submitted to TestAmerica Labs of Spokane, Washington, for analysis for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 5035/8260B; Resource Conservation and Recovery Act (RCRA) 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver by EPA Method 6010/7471; and Polychlorinated Biphenyl's (PCBs) by EPA Method 8020.

- Collected one discrete soil sample from the bottom of the excavation to determine if cleanup efforts were successful in removing the impacted soil. The discrete soil sample was analyzed for diesel- and oil-range petroleum hydrocarbons by Northwest Method NWTPH Dx; and for polycyclic-aromatic hydrocarbons (PAHs) by EPA Method 8270.

- Groundwater was not encountered in the excavation; therefore, groundwater sampling was not conducted during this assessment.

2.0 GENERAL SITE INFORMATION

SITE DESCRIPTION

The site is identified by the Spokane County Assessor's Office with Tax Parcel ID No. 45191.0707 and is located at 8616 E. First Avenue in Spokane Valley, Washington. The site, owned by Appleway Chevrolet, has been used as an automobile sales and repair facility and is currently undergoing a building remodel.

SITE HISTORY

The Assessor's office places first construction on the property in 1974. A subsequent remodel/addition was reported in 1986. The site has been used for automotive sales and service since first developed.

In February 2014, during excavation for installation of a natural gas line, the utility contractor unearthed a concrete drywell located beneath a concrete slab on grade near the southwest corner of the service building. The drywell was observed to be constructed of concrete, to be two barrels high and serviced through a pipe which originated in the adjacent building to the west. The drywell was approximately half full of a petroleum-based sludge. It was theorized by site personnel that the drywell historically served as a sump for the floor drain(s) in the adjacent automotive shop which has long since been removed.

The cleanup action consisted of drywell removal, excavation of the sludge and impacted soil and stockpiling it on plastic sheeting in the paved parking area south of the building. The stockpiles were covered with plastic pending characterization for disposal. The final excavation measured approximately 12 by 15 feet in width and approximately 15 feet in depth and was bounded on the west and south by the building foundation walls. Once the drywell and impacted soil were removed the excavation was partially filled with pea gravel to prevent destabilization of the footings and supporting subgrade. Figure 2 details the location of the drywell and other site features.

GEOLOGY AND HYDROGEOLOGY

Basement rock beneath the site consists of Precambrian age metasedimentary rocks. Surficial deposits of sands and gravels consisting of Missoula Flood deposits greater than 100 feet in thickness overlie the meta-sedimentary bedrock and are locally referred to as 'Valley Gravel'.

Groundwater flow is inferred to be west-northwest based on and topography. Depth to groundwater beneath the site is inferred to be approximately 80 feet below ground surface (bgs), based on review of local well logs. Groundwater was not observed in the excavation during the site investigation.

3.0 INVESTIGATION

This section describes sample collection methods and field observations from the investigation initiated on February 13, 2014 and during the subsequent confirmation sampling conducted February 21, 2014. Mr. Gary D. Panther, a geologist licensed in Washington State, conducted the investigation. LS Enterprises, LLC under contract to AutoNation's prime contractor responsible for site remodeling, discovered the drywell during placement of site utilities and provided excavation services during cleanup and assessment.

FIELD SAMPLING METHODOLOGY

The soil stockpiles were sampled for disposal characterization on February 13, 2014. Analytical results indicated that impacted soil and sludge contained within the former drywell did not exceed Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A cleanup levels for unrestricted land use.

URS contacted Mr. Leinart of Ecology to inform them of the analytical results and to work through a site assessment and closure scenario. In general, it was decided that because of limited access and potential for damage to the existing foundation, one soil sample collected from the bottom of the excavation would be sufficient for determining the effectiveness of the cleanup action. The bottom wall sample was analyzed for diesel- and oil range petroleum hydrocarbons and polycyclic-aromatic hydrocarbons (PAHs).

On February 21, 2014 the pea gravel was removed from the excavation and one discrete soil sample was collected from the bottom of the excavation, which was measured to be approximately 15 feet below ground surface (bgs). Once the sample was collected the excavation was promptly backfilled.

FIELD OBSERVATIONS

In general, the surface of the excavation was covered with the concrete of the existing shop floor followed by a sandy gravel fill to an approximate depth of 4 feet bgs. Asphalt pavement was

observed at 4 feet bgs, below which the drywell was located. Valley Gravel was observed below the asphalt pavement to the base of the excavation at 15 feet bgs.

Petroleum hydrocarbon odor or obvious petroleum staining was not observed in soil excavated from the excavation at the time the confirmation sample was collected. The confirmation sample was slightly moist.

4.0 ANALYTICAL LABORATORY RESULTS

SOIL STOCKPILES

One composite sample from each soil stockpile was analyzed for VOCs by EPA Method 5035/8260B; RCRA-8 metals by EPA Method 6010/7471; and for PCBs by EPA Method 8020.

Analytical results indicate that VOCs were not detected in soil samples at concentrations exceeding method reporting limits (MRL) and/or do not exceed MTCA Method A or B cleanup levels, as applicable.

In both composite soil samples (Stk-1 and Stk-2) RCRA-8 metals were not detected at concentrations exceeding the laboratory method reporting limits (MRL) and/or MTCA Method A cleanup levels.

PCB 1254 was detected at a concentration of 409 microgram per kilogram (ug/kg) in sample STK-1. The concentration is below MTCA Method A cleanup level. All other aroclors were not detected at a concentration exceeding the MRL or MTCA Method A cleanup levels in either stockpile sample. Laboratory analytical reports and copies of the chain of custody are presented in Attachment B.

Analytical results for the two composite soil samples collected from the soil stockpiles did not contain contaminants of concern at concentrations exceeding MRL and/or MTCA Method A cleanup levels. Based on these analytical results, the soil is not characterized as hazardous waste and can therefore be disposed of as a Special Waste at a Resource Conservation and Recovery Act (RCRA) Subtitle D Landfill such as Waste Management's Graham Road facility located near Medical Lake, Washington. Analytical results were provided to Waste Management for characterization and the soil stockpiles were transported to Waste Management's Graham Road facility for disposal under Permit No. 108574WA. Soil disposal receipts are included in Attachment C.

CONFIRMATION SAMPLE

The confirmation sample (Bottom) was analyzed for diesel- and oil range petroleum hydrocarbons by Northwest Method NWTPH-Dx and for PAHs by EPA Method 8270.

Analytical results indicate PAHs are not present at concentrations exceeding MRL or MTCA Method A or B cleanup levels, as applicable.

Diesel- and oil range petroleum hydrocarbons were detected in the Bottom confirmatory sample at concentrations of 66.1 and 21.7 milligram per kilogram (mg/kg), respectively. The concentrations are below MTCA Method A cleanup levels. Laboratory analytical reports and copies of the chain of custody are presented in Attachment B.

5.0 CONCLUSIONS

Based on field observations and analytical results of this cleanup action, concentrations of petroleum hydrocarbons in soil or sludge were not present at concentrations exceeding laboratory MRLs or MTCA Method A or B cleanup values.

RCRA-8 metals were not detected at concentrations exceeding MTCA Method A/B cleanup levels in impacted soil or sludge. Subsequent analytical testing suggests that the impact was limited in areal extent and has not migrated vertically.

Based on our observations and confirmatory analyses it is URS' opinion that the majority of impact associated with the former drywell has been removed from site and that which remains is below applicable cleanup criteria; therefore, we respectfully request that Ecology review the information and data presented and provide the site with a no further action opinion.

6.0 LIMITATIONS

The findings and conclusions documented in this report have been prepared for specific application to this project and have been developed in a manner consistent with the level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area and in general accordance with the terms and conditions set forth in our Agreement, and with the URS proposal and change order, dated February 11, 2014 and March 18, 2014, respectively. No other warranty, express or implied, is made.

The findings presented in this report are based on conditions observed at specific site locations and sampling intervals at the time of the assessment. Because conditions between the sample locations and sampling intervals may vary over distance and time, the potential always remains for the presence of unknown, unidentified, unforeseen, or changed surface and subsurface contamination. Conclusions in this report are based on comparison of chemical analytical results to current regulatory standards.

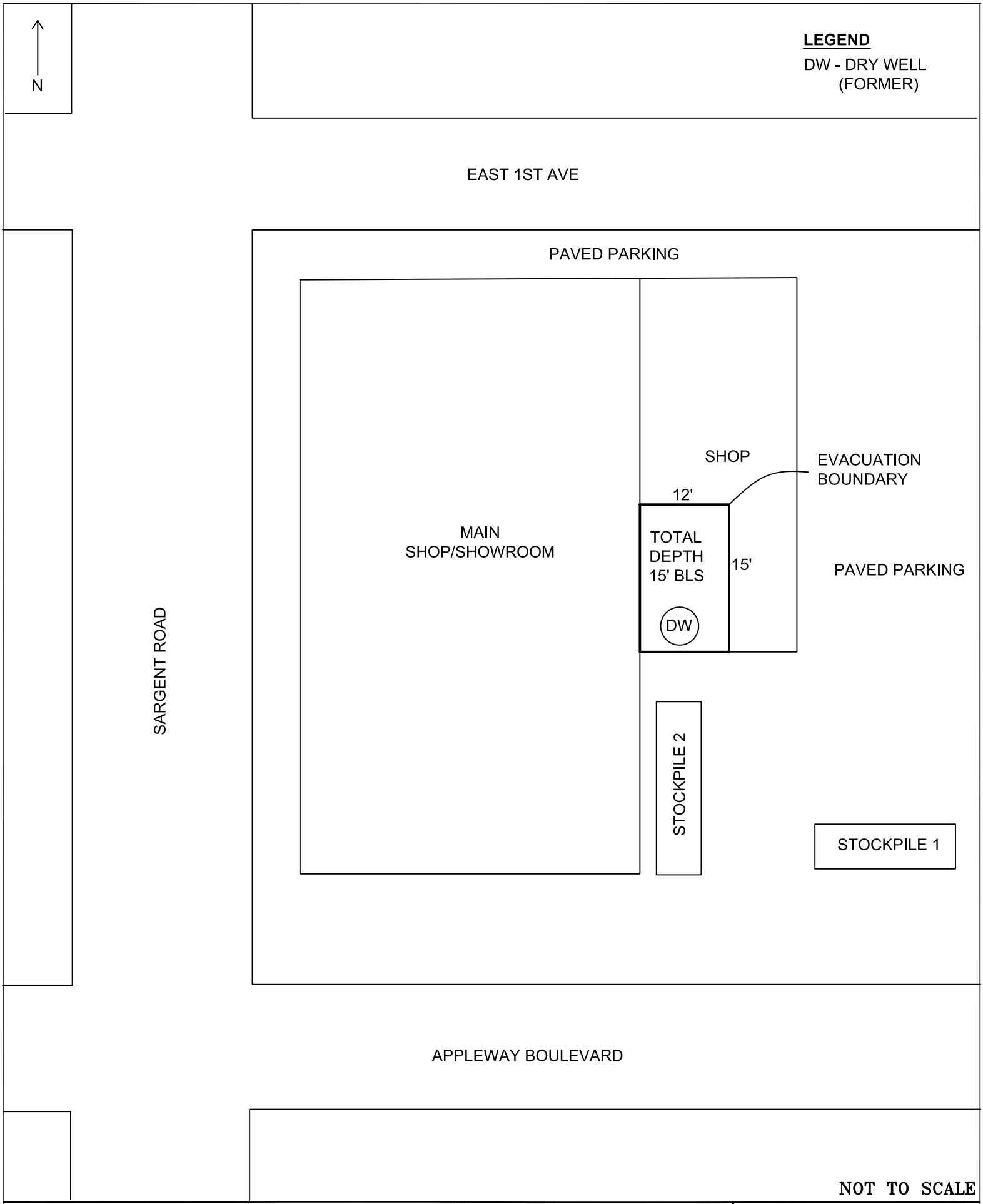
This report is for the exclusive use of AutoNation, its affiliates and representatives. No third party shall have the right to rely on URS' opinions rendered in connection with the services or in this document without our written consent and the third party's agreement to be bound to the same conditions and limitations as AutoNation.

FIGURES

AUTONATION TOYOTA–SCION
8600 EAST SPRAGUE ROAD
SPOKANE VALLEY, WASHINGTON 99212

URS

JOB NO.: 38619812	DATE: MARCH 2014	FIGURE 1 VICINITY MAP



NOT TO SCALE

AUTONATION TOYOTA–SCION
8600 EAST SPRAGUE ROAD
SPOKANE VALLEY, WASHINGTON 99212

URS

JOB NO.: 38619812	DATE: MARCH 2014	FIGURE 2 SITE PLAN

Attachment A

Regulatory Correspondence

From:	Carllett Grey-Wilson
To:	Emilio, Michael
Subject:	FW: Report an environmental problem (ERO) - AutoNation (Appleway) Toyota
Date:	Monday, March 31, 2014 9:52:05 AM

Hello Michael,

I had previously sent the notice to Gary but here it is again.

Regards,

Carllett

From: Carllett Grey-Wilson [mailto:carllettgw@jawenvironmental.com]
Sent: Tuesday, February 18, 2014 4:14 PM
To: 'gary.panther@urs.com'
Subject: FW: Report an environmental problem (ERO)

FYI

From: Carllett Grey-Wilson [mailto:carllettgw@jawenvironmental.com]
Sent: Friday, February 14, 2014 5:59 PM
To: 'kale461@ecy.wa.gov'
Cc: 'Archey, Michael'; 'Patel, Axay'
Subject: Report an environmental problem (ERO)

On behalf of AutoNation Toyota I am providing notice that, during construction activities, sludge was discovered in the excavation at the AutoNation Toyota dealership property located at 8600 East Sprague Avenue in Spokane Valley, WA. The excavated soil has been stockpiled on plastic onsite and an environmental consultant from URS Corporation has collected samples from the soil stockpile for analysis prior to arranging for proper disposal. According to information obtained from URS's consultant, the sludge appears to be associated with an old drywell that was located beneath the slab of the service building. The date of the release and the quantity of the release are unknown and the sludge appears to be waste products associated with historical automotive repairs.

Contact information for AutoNation Toyota is below:

Michael T. Archey, Esq.
Senior Counsel - Real Estate
AutoNation, Inc.
200 SW 1st Avenue, 14th Floor
Fort Lauderdale, Florida 33301
954-769-3619 (phone)
954-769-6622 (fax)

Please notify me if you have any questions.

Carllett Grey-Wilson

JAW, Inc.

(954) 240-2060

Attachment B

Laboratory Analytical Reports and Chains of Custody

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st. Avenue
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: SXB0053
Client Project/Site: [none]
Client Project Description: Auto Nation

For:
URS Corp.
920 N. Argonne Road Suite 300
Spokane, WA 99212

Attn: Gary Panther

Authorized for release by:
2/18/2014 4:40:42 PM

Randee Decker, Project Manager
(509)924-9200
Randee.Decker@testamericainc.com

Table of Contents

Sample Summary

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
SXB0053-01	STK-1	Soil	02/13/14 14:00	02/13/14 14:50
SXB0053-02	STK-2	Soil	02/13/14 14:15	02/13/14 14:50

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Semivolatiles

Qualifier	Qualifier Description
QSG	Silica Gel clean-up performed on extracts.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
C7	Calibration Verification recovery was below the method control limit due to matrix interference carried over from analytical samples. The matrix interference was confirmed by reanalysis with the same result.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.

Metals

Qualifier	Qualifier Description
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Client Sample ID: STK-1
Date Collected: 02/13/14 14:00
Date Received: 02/13/14 14:50

Lab Sample ID: SXB0053-01
Matrix: Soil
Percent Solids: 90

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Chloromethane	ND		0.608		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Vinyl chloride	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Bromomethane	ND		0.608		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Chloroethane	ND	L	0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Trichlorofluoromethane	ND		0.0365		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1-Dichloroethene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1,2-Trichlorotrifluoroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Carbon disulfide	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Methylene chloride	ND		1.22		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Acetone	ND		3.65		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
n-Hexane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
trans-1,2-Dichloroethene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Methyl tert-butyl ether	ND		0.0365		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1-Dichloroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
cis-1,2-Dichloroethene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
2,2-Dichloropropane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Bromochloromethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Chloroform	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Carbon tetrachloride	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1,1-Trichloroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
2-Butanone	ND		1.22		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1-Dichloropropene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
n-Heptane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Isobutanol	ND		1.22		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Benzene	**0.0182**		0.0182		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2-Dichloroethane (EDC)	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Trichloroethene	ND		0.0365		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Methylcyclohexane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Dibromomethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2-Dichloropropane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Bromodichloromethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
cis-1,3-Dichloropropene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Toluene	**0.624**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
4-Methyl-2-pentanone	ND		1.22		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
trans-1,3-Dichloropropene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Tetrachloroethene	**4.09**		0.0365		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1,2-Trichloroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Dibromochloromethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,3-Dichloropropane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2-Dibromoethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
2-Hexanone	ND		1.22		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Ethylbenzene	**0.748**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Chlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1,1,2-Tetrachloroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
m,p-Xylene	**3.10**		0.486		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
o-Xylene	**1.25**		0.243		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Styrene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Bromoform	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Client Sample ID: STK-1
Date Collected: 02/13/14 14:00
Date Received: 02/13/14 14:50

Lab Sample ID: SXB0053-01
Matrix: Soil
Percent Solids: 90

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Dichlorofluoromethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
n-Propylbenzene	**0.415**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,1,2,2-Tetrachloroethane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Bromobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,3,5-Trimethylbenzene	**0.884**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
2-Chlorotoluene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2,3-Trichloropropane	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
trans-1,4-Dichloro-2-butene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
4-Chlorotoluene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
tert-Butylbenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2,4-Trimethylbenzene	**2.95**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
sec-Butylbenzene	**0.133**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
p-Isopropyltoluene	**0.672**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,3-Dichlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,4-Dichlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
n-Butylbenzene	**0.373**		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2-Dichlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2-Dibromo-3-chloropropane	ND		0.608		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Hexachlorobutadiene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2,4-Trichlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
Naphthalene	**0.808**		0.243		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00
1,2,3-Trichlorobenzene	ND		0.122		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:29	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*99.6*		*42.4 - 163*	*02/14/14 09:29*	*02/14/14 11:29*	*1.00*
1,2-dichloroethane-d4	*107*		*50 - 150*	*02/14/14 09:29*	*02/14/14 11:29*	*1.00*
Toluene-d8	*100*		*45.8 - 155*	*02/14/14 09:29*	*02/14/14 11:29*	*1.00*
4-bromofluorobenzene	*479*	*ZX*	*41.5 - 162*	*02/14/14 09:29*	*02/14/14 11:29*	*1.00*

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1221	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1232	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1242	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1248	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1254	**409**	**QSG**	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1260	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00
PCB-1268	ND	QSG	88.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 13:57	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*83.1*	*QSG*	*46.2 - 210*	*02/13/14 15:15*	*02/14/14 13:57*	*1.00*
Decachlorobiphenyl	*80.5*	*QSG*	*65.6 - 186*	*02/13/14 15:15*	*02/14/14 13:57*	*1.00*

Method: EPA 6010C - Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.97**		1.25		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00
Barium	**146**		0.501		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00
Cadmium	**1.75**		0.200		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00

Client Sample ID: STK-1

Lab Sample ID: SXB0053-01

Date Collected: 02/13/14 14:00
Matrix: Soil
Date Received: 02/13/14 14:50
Percent Solids: 90

Method: EPA 6010C - Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**20.3**		0.501		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00
Lead	**85.9**		1.25		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00
Selenium	ND		2.50		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00
Silver	ND		0.501		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:19	1.00

Method: EPA 7471B - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		44.6		ug/kg dry	☼	02/18/14 08:58	02/18/14 14:22	1.00

Client Sample ID: STK-2

Lab Sample ID: SXB0053-02

Date Collected: 02/13/14 14:15
Matrix: Soil
Date Received: 02/13/14 14:50
Percent Solids: 92.5

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Chloromethane	ND		0.580		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Vinyl chloride	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Bromomethane	ND		0.580		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Chloroethane	ND	L	0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Trichlorofluoromethane	ND		0.0348		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1-Dichloroethene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1,2-Trichlorotrifluoroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Carbon disulfide	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Methylene chloride	ND		1.16		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Acetone	ND		3.48		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
n-Hexane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
trans-1,2-Dichloroethene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Methyl tert-butyl ether	ND		0.0348		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1-Dichloroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
cis-1,2-Dichloroethene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
2,2-Dichloropropane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Bromochloromethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Chloroform	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Carbon tetrachloride	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1,1-Trichloroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
2-Butanone	ND		1.16		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1-Dichloropropene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
n-Heptane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Isobutanol	ND		1.16		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Benzene	ND		0.0174		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2-Dichloroethane (EDC)	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Trichloroethene	ND		0.0348		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Methylcyclohexane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Dibromomethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2-Dichloropropane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Bromodichloromethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
cis-1,3-Dichloropropene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Toluene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
4-Methyl-2-pentanone	ND		1.16		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Client Sample ID: STK-2
Date Collected: 02/13/14 14:15
Date Received: 02/13/14 14:50

Lab Sample ID: SXB0053-02
Matrix: Soil
Percent Solids: 92.5

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Tetrachloroethene	**0.0690**		0.0348		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1,2-Trichloroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Dibromochloromethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,3-Dichloropropane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2-Dibromoethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
2-Hexanone	ND		1.16		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Ethylbenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Chlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1,1,2-Tetrachloroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
m,p-Xylene	ND		0.464		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
o-Xylene	ND		0.232		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Styrene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Bromoform	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Isopropylbenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Dichlorofluoromethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
n-Propylbenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,1,2,2-Tetrachloroethane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Bromobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,3,5-Trimethylbenzene	**0.197**		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
2-Chlorotoluene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2,3-Trichloropropane	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
trans-1,4-Dichloro-2-butene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
4-Chlorotoluene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
tert-Butylbenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2,4-Trimethylbenzene	**0.681**		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
sec-Butylbenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
p-Isopropyltoluene	**0.422**		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,3-Dichlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,4-Dichlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
n-Butylbenzene	**0.339**		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2-Dichlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2-Dibromo-3-chloropropane	ND		0.580		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Hexachlorobutadiene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2,4-Trichlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
Naphthalene	**0.317**		0.232		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00
1,2,3-Trichlorobenzene	ND		0.116		mg/kg dry	☼	02/14/14 09:29	02/14/14 11:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*101*		*42.4 - 163*	*02/14/14 09:29*	*02/14/14 11:52*	*1.00*
1,2-dichloroethane-d4	*101*		*50 - 150*	*02/14/14 09:29*	*02/14/14 11:52*	*1.00*
Toluene-d8	*103*		*45.8 - 155*	*02/14/14 09:29*	*02/14/14 11:52*	*1.00*
4-bromofluorobenzene	*279*	*ZX*	*41.5 - 162*	*02/14/14 09:29*	*02/14/14 11:52*	*1.00*

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1221	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1232	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1242	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Client Sample ID: STK-2
Date Collected: 02/13/14 14:15
Date Received: 02/13/14 14:50

Lab Sample ID: SXB0053-02
Matrix: Soil
Percent Solids: 92.5

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1254	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1260	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00
PCB-1268	ND	QSG	95.4		ug/kg dry	☼	02/13/14 15:15	02/14/14 14:12	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX		*QSG Z*	*46.2 - 210*	*02/13/14 15:15*	*02/14/14 14:12*	*1.00*
Decachlorobiphenyl	*89.5*	*QSG*	*65.6 - 186*	*02/13/14 15:15*	*02/14/14 14:12*	*1.00*

Method: EPA 6010C - Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.21**		1.24		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Barium	**64.9**		0.496		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Cadmium	ND		0.198		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Chromium	**6.34**		0.496		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Lead	**10.7**		1.24		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Selenium	ND		2.48		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00
Silver	ND		0.496		mg/kg dry	☼	02/17/14 08:59	02/18/14 11:23	1.00

Method: EPA 7471B - Total Metals by EPA 6010/7000 Series Methods

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		47.2		ug/kg dry	☼	02/18/14 08:58	02/18/14 14:24	1.00

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C

Lab Sample ID: 14B0052-BLK1
Matrix: Soil
Analysis Batch: 14B0052

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14B0052_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Chloromethane	ND		0.500		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Vinyl chloride	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Bromomethane	ND		0.500		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Chloroethane	ND	L	0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Trichlorofluoromethane	ND		0.0300		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1-Dichloroethene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1,2-Trichlorotrifluoroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Carbon disulfide	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Methylene chloride	ND		1.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Acetone	ND		3.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
n-Hexane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
trans-1,2-Dichloroethene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Methyl tert-butyl ether	ND		0.0300		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1-Dichloroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
cis-1,2-Dichloroethene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
2,2-Dichloropropane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Bromochloromethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Chloroform	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Carbon tetrachloride	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1,1-Trichloroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
2-Butanone	ND		1.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1-Dichloropropene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
n-Heptane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Isobutanol	ND		1.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Benzene	ND		0.0150		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2-Dichloroethane (EDC)	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Trichloroethene	ND		0.0300		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Methylcyclohexane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Dibromomethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2-Dichloropropane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Bromodichloromethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
cis-1,3-Dichloropropene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Toluene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
4-Methyl-2-pentanone	ND		1.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
trans-1,3-Dichloropropene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Tetrachloroethene	ND		0.0300		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1,2-Trichloroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Dibromochloromethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,3-Dichloropropane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2-Dibromoethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
2-Hexanone	ND		1.00		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Ethylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Chlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1,1,2-Tetrachloroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
m,p-Xylene	ND		0.400		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
o-Xylene	ND		0.200		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Styrene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C (Continued)

Lab Sample ID: 14B0052-BLK1
Matrix: Soil
Analysis Batch: 14B0052

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14B0052_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Isopropylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Dichlorofluoromethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
n-Propylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,1,2,2-Tetrachloroethane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Bromobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,3,5-Trimethylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
2-Chlorotoluene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2,3-Trichloropropane	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
trans-1,4-Dichloro-2-butene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
4-Chlorotoluene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
tert-Butylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2,4-Trimethylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
sec-Butylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
p-Isopropyltoluene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,3-Dichlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,4-Dichlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
n-Butylbenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2-Dichlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2-Dibromo-3-chloropropane	ND		0.500		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Hexachlorobutadiene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2,4-Trichlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
Naphthalene	ND		0.200		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00
1,2,3-Trichlorobenzene	ND		0.100		mg/kg wet		02/14/14 09:29	02/14/14 09:55	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*103*		*42.4 - 163*	*02/14/14 09:29*	*02/14/14 09:55*	*1.00*
1,2-dichloroethane-d4	*104*		*50 - 150*	*02/14/14 09:29*	*02/14/14 09:55*	*1.00*
Toluene-d8	*104*		*45.8 - 155*	*02/14/14 09:29*	*02/14/14 09:55*	*1.00*
4-bromofluorobenzene	*97.9*		*41.5 - 162*	*02/14/14 09:29*	*02/14/14 09:55*	*1.00*

Lab Sample ID: 14B0052-BS1
Matrix: Soil
Analysis Batch: 14B0052

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0052_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.500	0.537		mg/kg wet		107	60 - 140
Chloromethane	0.500	0.450		mg/kg wet		90.1	60 - 140
1,3-Butadiene	0.500	0.498		mg/kg wet		99.5	60 - 140
Vinyl chloride	0.500	0.500		mg/kg wet		100	60 - 140
Bromomethane	0.500	0.628		mg/kg wet		126	60 - 140
Chloroethane	0.500	0.837	L	mg/kg wet		167	60 - 140
Trichlorofluoromethane	0.500	0.618		mg/kg wet		124	60 - 140
Ethyl ether	0.500	0.433		mg/kg wet		86.6	60 - 140
1,1-Dichloroethene	0.500	0.511		mg/kg wet		102	76 - 187
1,1,2-Trichlorotrifluoroethane	0.500	0.533		mg/kg wet		107	60 - 140
Carbon disulfide	0.500	0.495		mg/kg wet		99.0	60 - 140
Iodomethane	0.500	0.564		mg/kg wet		113	60 - 140

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C (Continued)

Lab Sample ID: 14B0052-BS1
Matrix: Soil
Analysis Batch: 14B0052

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0052_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Allyl chloride	0.500	0.464		mg/kg wet		92.9	60 - 140
Methylene chloride	0.500	0.494		mg/kg wet		98.9	60 - 140
Acetone	2.50	2.29		mg/kg wet		91.7	60 - 140
n-Hexane	0.500	0.470		mg/kg wet		94.1	60 - 140
trans-1,2-Dichloroethene	0.500	0.496		mg/kg wet		99.1	60 - 140
tert-Butanol	5.00	4.06		mg/kg wet		81.2	60 - 140
Methyl tert-butyl ether	0.500	0.518		mg/kg wet		104	79 - 127
1,1-Dichloroethane	0.500	0.510		mg/kg wet		102	60 - 140
Acrylonitrile	5.00	4.81		mg/kg wet		96.2	60 - 140
cis-1,2-Dichloroethene	0.500	0.534		mg/kg wet		107	60 - 140
2,2-Dichloropropane	0.500	0.579		mg/kg wet		116	60 - 140
Bromochloromethane	0.500	0.518		mg/kg wet		104	60 - 140
Chloroform	0.500	0.552		mg/kg wet		110	60 - 140
Cyclohexane	0.500	0.500		mg/kg wet		99.9	60 - 140
Tetrahydrofuran	1.00	1.00		mg/kg wet		100	60 - 140
Carbon tetrachloride	0.500	0.556		mg/kg wet		111	60 - 140
1,1,1-Trichloroethane	0.500	0.580		mg/kg wet		116	60 - 140
2-Butanone	2.50	1.97		mg/kg wet		78.9	60 - 140
1,1-Dichloropropene	0.500	0.513		mg/kg wet		103	60 - 140
n-Heptane	0.500	0.440		mg/kg wet		88.1	60 - 140
Isobutanol	12.5	10.1		mg/kg wet		80.7	60 - 140
Benzene	0.500	0.504		mg/kg wet		101	75.9 - 123
1,2-Dichloroethane (EDC)	0.500	0.550		mg/kg wet		110	60 - 140
Trichloroethene	0.500	0.559		mg/kg wet		112	82.7 - 120
Methylcyclohexane	0.500	0.514		mg/kg wet		103	60 - 140
Dibromomethane	0.500	0.522		mg/kg wet		104	60 - 140
1,2-Dichloropropane	0.500	0.494		mg/kg wet		98.9	60 - 140
Bromodichloromethane	0.500	0.525		mg/kg wet		105	60 - 140
cis-1,3-Dichloropropene	0.500	0.520		mg/kg wet		104	60 - 140
Toluene	0.500	0.514		mg/kg wet		103	77.3 - 126
4-Methyl-2-pentanone	2.50	2.49		mg/kg wet		99.7	60 - 140
trans-1,3-Dichloropropene	0.500	0.532		mg/kg wet		106	60 - 140
Ethyl methacrylate	0.500	0.502		mg/kg wet		100	60 - 140
Tetrachloroethene	0.500	0.543		mg/kg wet		109	75 - 130
1,1,2-Trichloroethane	0.500	0.502		mg/kg wet		100	60 - 140
Dibromochloromethane	0.500	0.524		mg/kg wet		105	60 - 140
1,3-Dichloropropane	0.500	0.508		mg/kg wet		102	60 - 140
1,2-Dibromoethane	0.500	0.522		mg/kg wet		104	60 - 140
2-Hexanone	2.50	2.48		mg/kg wet		99.2	60 - 140
Ethylbenzene	0.500	0.522		mg/kg wet		104	80.7 - 120
Chlorobenzene	0.500	0.536		mg/kg wet		107	80 - 120
1,1,1,2-Tetrachloroethane	0.500	0.540		mg/kg wet		108	60 - 140
m,p-Xylene	0.500	0.537		mg/kg wet		107	86.1 - 120
o-Xylene	0.500	0.549		mg/kg wet		110	85.3 - 120
Styrene	0.500	0.560		mg/kg wet		112	60 - 140
Bromoform	0.500	0.540		mg/kg wet		108	60 - 140
Isopropylbenzene	0.500	0.558		mg/kg wet		112	60 - 140
Dichlorofluoromethane	0.500	0.544		mg/kg wet		109	60 - 140

Method: EPA 8260C - Volatile Organic Compounds by EPA Method 8260C (Continued)

Lab Sample ID: 14B0052-BS1
Matrix: Soil
Analysis Batch: 14B0052

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0052_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	0.500	0.513		mg/kg wet		103	60 - 140
1,1,2,2-Tetrachloroethane	0.500	0.480		mg/kg wet		96.1	60 - 140
Bromobenzene	0.500	0.495		mg/kg wet		99.0	60 - 140
1,3,5-Trimethylbenzene	0.500	0.534		mg/kg wet		107	60 - 140
2-Chlorotoluene	0.500	0.522		mg/kg wet		104	60 - 140
1,2,3-Trichloropropane	0.500	0.503		mg/kg wet		101	60 - 140
trans-1,4-Dichloro-2-butene	0.500	0.522		mg/kg wet		104	60 - 140
4-Chlorotoluene	0.500	0.517		mg/kg wet		103	60 - 140
tert-Butylbenzene	0.500	0.596		mg/kg wet		119	60 - 140
1,2,4-Trimethylbenzene	0.500	0.536		mg/kg wet		107	60 - 140
sec-Butylbenzene	0.500	0.528		mg/kg wet		106	60 - 140
p-Isopropyltoluene	0.500	0.552		mg/kg wet		110	60 - 140
1,3-Dichlorobenzene	0.500	0.534		mg/kg wet		107	60 - 140
1,4-Dichlorobenzene	0.500	0.520		mg/kg wet		104	60 - 140
n-Butylbenzene	0.500	0.515		mg/kg wet		103	60 - 140
1,2-Dichlorobenzene	0.500	0.533		mg/kg wet		107	60 - 140
1,2-Dibromo-3-chloropropane	0.500	0.490		mg/kg wet		98.0	60 - 140
Hexachlorobutadiene	0.500	0.522		mg/kg wet		104	60 - 140
1,2,4-Trichlorobenzene	0.500	0.541		mg/kg wet		108	60 - 140
Naphthalene	0.500	0.555		mg/kg wet		111	58.8 - 130
1,2,3-Trichlorobenzene	0.500	0.512		mg/kg wet		102	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*100*		*42.4 - 163*
1,2-dichloroethane-d4	*112*		*50 - 150*
Toluene-d8	*99.5*		*45.8 - 155*
4-bromofluorobenzene	*98.1*		*41.5 - 162*

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 14B0044-BLK1
Matrix: Soil
Analysis Batch: 14B0044

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14B0044_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1221	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1232	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1242	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1248	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1254	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1260	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00
PCB-1268	ND		50.0		ug/kg wet		02/13/14 10:14	02/14/14 10:40	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*99.6*		*46.2 - 210*	*02/13/14 10:14*	*02/14/14 10:40*	*1.00*
Decachlorobiphenyl	*136*		*65.6 - 186*	*02/13/14 10:14*	*02/14/14 10:40*	*1.00*

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 14B0044-BLK2 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0044 — **Prep Batch: 14B0044_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1221	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1232	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1242	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1248	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1254	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1260	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00
PCB-1268	ND	QSG	50.0		ug/kg wet		02/13/14 10:14	02/14/14 13:27	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
TCX	*76.5*	*QSG*	*46.2 - 210*	*02/13/14 10:14*	*02/14/14 13:27*	*1.00*
Decachlorobiphenyl	*117*	*QSG*	*65.6 - 186*	*02/13/14 10:14*	*02/14/14 13:27*	*1.00*

Lab Sample ID: 14B0044-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0044 — **Prep Batch: 14B0044_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			33.3	39.8		ug/kg wet		119	44.4 - 180		
PCB-1260			33.3	39.7		ug/kg wet		119	60.3 - 169		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
TCX	*103*		*46.2 - 210*
Decachlorobiphenyl	*143*		*65.6 - 186*

Lab Sample ID: 14B0044-BS2 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0044 — **Prep Batch: 14B0044_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			33.3	36.4	QSG	ug/kg wet		109	44.4 - 180		
PCB-1260			33.3	37.8	QSG	ug/kg wet		113	60.3 - 169		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
TCX	*91.6*	*QSG*	*46.2 - 210*
Decachlorobiphenyl	*139*	*QSG*	*65.6 - 186*

Lab Sample ID: 14B0044-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0044 — **Prep Batch: 14B0044_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		85.3	323	C7 M1	ug/kg dry	☼	378	50.6 - 145		
PCB-1260	ND		85.3	540	C7 M1	ug/kg dry	☼	633	57.6 - 120		

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
TCX	*62.9*		*46.2 - 210*

Method: EPA 8082A - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 14B0044-MS1
Matrix: Soil
Analysis Batch: 14B0044

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 14B0044_P

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Decachlorobiphenyl	*599*	*ZX*	*65.6 - 186*

Lab Sample ID: 14B0044-MSD1
Matrix: Soil
Analysis Batch: 14B0044

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 14B0044_P

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		73.9	251	C7 M1	ug/kg dry	☼	340	50.6 - 145	25.0	40
PCB-1260	ND		73.9	462	C7 M1	ug/kg dry	☼	624	57.6 - 120	15.7	27.4

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
TCX	*68.7*		*46.2 - 210*
Decachlorobiphenyl	*514*	*ZX*	*65.6 - 186*

Method: EPA 6010C - Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B

Lab Sample ID: 14B0058-BLK1
Matrix: Soil
Analysis Batch: 14B0058

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14B0058_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.25		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Barium	ND		0.500		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Cadmium	ND		0.200		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Chromium	ND		0.500		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Lead	ND		1.25		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Selenium	ND		2.50		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00
Silver	ND		0.500		mg/kg wet		02/17/14 08:59	02/18/14 12:00	1.00

Lab Sample ID: 14B0058-BS1
Matrix: Soil
Analysis Batch: 14B0058

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0058_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	48.0		mg/kg wet		96.0	80 - 120
Barium	50.0	47.8		mg/kg wet		95.6	80 - 120
Cadmium	50.0	49.0		mg/kg wet		98.0	80 - 120
Chromium	50.0	48.0		mg/kg wet		96.1	80 - 120
Lead	50.0	47.3		mg/kg wet		94.6	80 - 120
Selenium	500	494		mg/kg wet		98.8	80 - 120
Silver	50.0	48.1		mg/kg wet		96.2	80 - 120

Lab Sample ID: 14B0058-MS1
Matrix: Soil
Analysis Batch: 14B0058

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 14B0058_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.435		43.5	42.0		mg/kg wet		95.6	75 - 125

Method: EPA 6010C - Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B (Continued)

Lab Sample ID: 14B0058-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0058 — **Prep Batch: 14B0058_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	67.3		43.5	107		mg/kg wet		90.8	75 - 125
Cadmium	1.10		43.5	43.1		mg/kg wet		96.5	75 - 125
Chromium	11.2		43.5	52.9		mg/kg wet		95.9	75 - 125
Lead	92.8		43.5	132		mg/kg wet		90.3	75 - 125
Selenium	ND		435	428		mg/kg wet		98.5	75 - 125
Silver	ND		43.5	40.8		mg/kg wet		93.8	75 - 125

Lab Sample ID: 14B0058-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0058 — **Prep Batch: 14B0058_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.435		49.0	46.2		mg/kg wet		93.4	75 - 125	9.54	20
Barium	67.3		49.0	111		mg/kg wet		89.8	75 - 125	4.15	20
Cadmium	1.10		49.0	49.1		mg/kg wet		97.9	75 - 125	13.2	20
Chromium	11.2		49.0	57.5		mg/kg wet		94.6	75 - 125	8.40	20
Lead	92.8		49.0	134		mg/kg wet		83.3	75 - 125	1.17	20
Selenium	ND		490	478		mg/kg wet		97.5	75 - 125	11.0	20
Silver	ND		49.0	46.2		mg/kg wet		94.3	75 - 125	12.5	20

Lab Sample ID: 14B0058-DUP1 — **Client Sample ID: Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0058 — **Prep Batch: 14B0058_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Arsenic	0.435		0.433		mg/kg wet		0.421	20
Barium	67.3		77.3		mg/kg wet		13.8	20
Cadmium	1.10		1.53	R3	mg/kg wet		32.4	20
Chromium	11.2		14.5	R3	mg/kg wet		25.5	20
Lead	92.8		107		mg/kg wet		14.2	20
Selenium	ND		ND		mg/kg wet			20
Silver	ND		ND		mg/kg wet			20

Method: EPA 7471B - Total Metals by EPA 6010/7000 Series Methods

Lab Sample ID: 14B0070-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0070 — **Prep Batch: 14B0070_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		50.0		ug/kg wet		02/18/14 08:58	02/18/14 14:08	1.00

Lab Sample ID: 14B0070-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0070 — **Prep Batch: 14B0070_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	200	203		ug/kg wet		102	80 - 120

Method: EPA 7471B - Total Metals by EPA 6010/7000 Series Methods (Continued)

Lab Sample ID: 14B0070-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0070 — **Prep Batch: 14B0070_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		168	173		ug/kg dry	☼	103	80 - 120

Lab Sample ID: 14B0070-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0070 — **Prep Batch: 14B0070_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		236	245	R	ug/kg dry	☼	104	80 - 120	34.6	20

Lab Sample ID: 14B0070-DUP1 — **Client Sample ID: Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: 14B0070 — **Prep Batch: 14B0070_P**

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Mercury	ND		ND		ug/kg dry	☼		40

Lab Chronicle

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Client Sample ID: STK-1

Lab Sample ID: SXB0053-01

Date Collected: 02/13/14 14:00

Matrix: Soil

Date Received: 02/13/14 14:50

Percent Solids: 90

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	GC/MS Volatiles		0.994	14B0052_P	02/14/14 09:29	CBW	TAL SPK
Total	Analysis	EPA 8260C		1.00	14B0052	02/14/14 11:29	CBW	TAL SPK
Total	Prep	EPA 3550B		1.59	14B0044_P	02/13/14 15:15	MS	TAL SPK
Total	Analysis	EPA 8082A		1.00	14B0044	02/14/14 13:57	MS	TAL SPK
Total	Prep	EPA 3050B		0.901	14B0058_P	02/17/14 08:59	JSP	TAL SPK
Total	Prep	EPA 7471		0.893	14B0070_P	02/18/14 08:58	JSP	TAL SPK
Total	Analysis	EPA 7471B		1.00	14B0070	02/18/14 14:22	ZZZ	TAL SPK
Total	Analysis	EPA 6010C		1.00	14B0058	02/18/14 11:19	ICP	TAL SPK
Total	Prep	Wet Chem		1.00	14B0055_P	02/13/14 15:40	MS	TAL SPK
Total	Analysis	TA SOP		1.00	14B0055	02/14/14 12:05	MS	TAL SPK

Client Sample ID: STK-2

Lab Sample ID: SXB0053-02

Date Collected: 02/13/14 14:15

Matrix: Soil

Date Received: 02/13/14 14:50

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	GC/MS Volatiles		0.998	14B0052_P	02/14/14 09:29	CBW	TAL SPK
Total	Analysis	EPA 8260C		1.00	14B0052	02/14/14 11:52	CBW	TAL SPK
Total	Prep	EPA 3550B		1.76	14B0044_P	02/13/14 15:15	MS	TAL SPK
Total	Analysis	EPA 8082A		1.00	14B0044	02/14/14 14:12	MS	TAL SPK
Total	Prep	EPA 3050B		0.917	14B0058_P	02/17/14 08:59	JSP	TAL SPK
Total	Prep	EPA 7471		0.943	14B0070_P	02/18/14 08:58	JSP	TAL SPK
Total	Analysis	EPA 7471B		1.00	14B0070	02/18/14 14:24	ZZZ	TAL SPK
Total	Analysis	EPA 6010C		1.00	14B0058	02/18/14 11:23	ICP	TAL SPK
Total	Prep	Wet Chem		1.00	14B0055_P	02/13/14 15:40	MS	TAL SPK
Total	Analysis	TA SOP		1.00	14B0055	02/14/14 12:05	MS	TAL SPK

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

Certification Summary

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Laboratory: TestAmerica Spokane

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-071	10-31-14
Washington	State Program	10	C569	01-06-15

Method Summary

Client: URS Corp.
Project/Site: [none]

TestAmerica Job ID: SXB0053

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by EPA Method 8260C		TAL SPK
EPA 8082A	Polychlorinated Biphenyls by EPA Method 8082		TAL SPK
EPA 6010C	Metals Content by EPA 6010/7000 Series Methods, Prep by EPA 3050B		TAL SPK
EPA 7471B	Total Metals by EPA 6010/7000 Series Methods		TAL SPK
TA SOP	Conventional Chemistry Parameters by APHA/EPA Methods		TAL SPK

Protocol References:

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
9405 SW Nimbus Ave,Beaverton, OR 97008-7145 503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: SXB0053

CLIENT: UPS

REPORT TO: GARY PANTHER
ADDRESS:

PHONE: 509 954-5090 FAX:

INVOICE TO: UPS Corp
ATTN: Margaret Pitt

P.O. NUMBER:

PROJECT NAME: AutoNation (AN)
PROJECT NUMBER: TBD
SAMPLED BY: GP

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: VOCs	PCBs	RCRA 8 Metals	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	STK-1	021314 1400		X	X	X	S	3		
2	STK-2	021314 1415		X	X	X				
3										
4										
5										
6										
7										
8										
9										
10										

RELEASED BY: [signature] DATE: 021314
PRINT NAME: GARY D. PANTHER FIRM: UPS TIME: 1450

RECEIVED BY: [signature] DATE: 2-13-14
PRINT NAME: Cat Stapleton FIRM: TestAmerica TIME: 1450

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP: 11.6

PAGE OF

TAL-1000(0408)

TestAmerica Spokane
Sample Receipt Form

Work Order #SNB0053	Client: URS	Project: Auto-Nation
Date/Time Received: 2-13-14 14:50	By: CS	

Samples Delivered By: ☐Shipping Service ☐Courier ☒Client ☐Other:

List Air Bill Number(s) or Attach a photocopy of the Air Bill:

Receipt Phase	Yes	No	NA	Comments
Were samples received in a cooler:	X			
Custody Seals are present and intact:			X	
Are CoC documents present:	X			
Necessary signatures:	X			

Thermal Preservation Type: ☐Blue Ice ☒Gel Ice ☐Real Ice ☐Dry Ice ☐None ☐Other:

Temperature: 11.6 °C Thermometer (Circle **one** Serial #122208348 Keyring IR Serial # 111874910 IR Gun 2)(acceptance criteria 0-6

Temperature out of range: ☐Not enough ice ☐Ice melted ☐w/in 4hrs of collection ☐NA ☐Other:

Log-in Phase Date/Time: 2-13-14 15:00 By: CS	Yes	No	NA	Comments
Are sample labels affixed and completed for each container	X			
Samples containers were received intact:	X			
Do sample IDs match the CoC	X			
Appropriate sample containers were received for tests requested	X			
Are sample volumes adequate for tests requested	X			
Appropriate preservatives were used for the tests requested	X			
pH of inorganic samples checked and is within method specification	X			
Are VOC samples free of bubbles >6mm (1/4" diameter)	X			
Are dissolved parameters field filtered			X	
Do any samples need to be filtered or preserved by the lab		X		
Does this project require quick turnaround analysis	X			
Are there any short hold time tests (see chart below)		X		
Are any samples within 2 days of or past expiration		X		
Was the CoC scanned	X			
Were there Non-conformance issues at login		X		
If yes, was a CAR generated #			X	

24 hours or less	48 hours	7 days
Coliform Bacteria	BOD, Color, MBAS	TDS, TSS, VDS, FDS
Chromium +6	Nitrate/Nitrite	Sulfide
	Orthophosphate	Aqueous Organic Prep

Form No. SP-FORM-SPL-002 12 December 2012

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Spokane
11922 East 1st. Avenue
Spokane, WA 99206
Tel: (509)924-9200

TestAmerica Job ID: SXB0100
Client Project/Site: 38619812.56520.00001
Client Project Description: Auto Nation

For:
URS Corp.
920 N. Argonne Road Suite 300
Spokane, WA 99212

Attn: Gary Panther

Authorized for release by:
3/5/2014 4:03:01 PM

Randee Arrington, Project Manager
(509)924-9200
Randee.Arrington@testamericainc.com

Table of Contents

Sample Summary

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
SXB0100-01	Bottom	Soil	02/21/14 14:15	02/21/14 14:40

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Qualifiers

Semivolatiles

Qualifier	Qualifier Description
Z6	Surrogate recovery was below acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Client Sample ID: Bottom
Date Collected: 02/21/14 14:15
Date Received: 02/21/14 14:40

Lab Sample ID: SXB0100-01
Matrix: Soil
Percent Solids: 91.9

Method: EPA 8270D - Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
2-Methylnaphthalene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
1-Methylnaphthalene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Acenaphthylene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Acenaphthene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Fluorene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Phenanthrene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Anthracene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Fluoranthene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Pyrene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Benzo (a) anthracene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Chrysene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Benzo (b) fluoranthene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Benzo (k) fluoranthene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Benzo (a) pyrene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Dibenzo (a,h) anthracene	ND		0.0104		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00
Benzo (ghi) perylene	ND		0.0174		mg/kg dry	☼	03/03/14 14:18	03/05/14 13:46	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*58.4*		*53.2 - 137*	*03/03/14 14:18*	*03/05/14 13:46*	*1.00*
2-FBP	*70.8*		*63.6 - 123*	*03/03/14 14:18*	*03/05/14 13:46*	*1.00*
p-Terphenyl-d14	*106*		*65.6 - 167*	*03/03/14 14:18*	*03/05/14 13:46*	*1.00*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	**21.7**		20.9		mg/kg dry	☼	02/26/14 12:32	02/26/14 18:52	1.00
Heavy Oil Range Hydrocarbons	**66.1**		52.1		mg/kg dry	☼	02/26/14 12:32	02/26/14 18:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84.1*		*50 - 150*	*02/26/14 12:32*	*02/26/14 18:52*	*1.00*
n-Triacontane-d62	*96.5*		*50 - 150*	*02/26/14 12:32*	*02/26/14 18:52*	*1.00*

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Method: EPA 8270D - Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Lab Sample ID: 14C0005-BLK1
Matrix: Soil
Analysis Batch: 14C0005

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14C0005_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
2-Methylnaphthalene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
1-Methylnaphthalene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Acenaphthylene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Acenaphthene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Fluorene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Phenanthrene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Anthracene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Fluoranthene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Pyrene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Benzo (a) anthracene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Chrysene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Benzo (b) fluoranthene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Benzo (k) fluoranthene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Benzo (a) pyrene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Dibenzo (a,h) anthracene	ND		0.00600		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00
Benzo (ghi) perylene	ND		0.0100		mg/kg wet		03/03/14 14:18	03/03/14 19:45	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*90.6*		*53.2 - 137*	*03/03/14 14:18*	*03/03/14 19:45*	*1.00*
2-FBP	*74.6*		*63.6 - 123*	*03/03/14 14:18*	*03/03/14 19:45*	*1.00*
p-Terphenyl-d14	*106*		*65.6 - 167*	*03/03/14 14:18*	*03/03/14 19:45*	*1.00*

Lab Sample ID: 14C0005-BS1
Matrix: Soil
Analysis Batch: 14C0005

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14C0005_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Naphthalene			0.133	0.108		mg/kg wet		81.0	62.7 - 120		
Fluorene			0.133	0.112		mg/kg wet		84.0	67.9 - 124		
Chrysene			0.133	0.122		mg/kg wet		91.5	68.2 - 132		
Indeno (1,2,3-cd) pyrene			0.133	0.151		mg/kg wet		114	52.6 - 149		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*82.8*		*53.2 - 137*
2-FBP	*67.6*		*63.6 - 123*
p-Terphenyl-d14	*96.2*		*65.6 - 167*

Lab Sample ID: 14C0005-MS1
Matrix: Soil
Analysis Batch: 14C0005

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 14C0005_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits		
Naphthalene	ND		0.331	0.207		mg/kg dry	☼	62.5	30 - 120		
Fluorene	ND		0.331	0.235		mg/kg dry	☼	71.0	30 - 140		
Chrysene	ND		0.331	0.284		mg/kg dry	☼	86.0	30 - 133		

Method: EPA 8270D - Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring (Continued)

Lab Sample ID: 14C0005-MS1
Matrix: Soil
Analysis Batch: 14C0005

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 14C0005_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Indeno (1,2,3-cd) pyrene	ND		0.331	0.346		mg/kg dry	☼	104	30 - 140

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
Nitrobenzene-d5	*78.0*		*53.2 - 137*
2-FBP	*47.4*	*Z6*	*63.6 - 123*
p-Terphenyl-d14	*93.8*		*65.6 - 167*

Lab Sample ID: 14C0005-MSD1
Matrix: Soil
Analysis Batch: 14C0005

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 14C0005_P

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		0.361	0.262		mg/kg dry	☼	72.5	30 - 120	23.5	35
Fluorene	ND		0.361	0.264		mg/kg dry	☼	73.0	30 - 140	11.6	35
Chrysene	ND		0.361	0.356		mg/kg dry	☼	98.5	30 - 133	22.3	35
Indeno (1,2,3-cd) pyrene	ND		0.361	0.439		mg/kg dry	☼	122	30 - 140	23.8	35

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
Nitrobenzene-d5	*75.6*		*53.2 - 137*
2-FBP	*50.2*	*Z6*	*63.6 - 123*
p-Terphenyl-d14	*98.2*		*65.6 - 167*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx

Lab Sample ID: 14B0118-BLK1
Matrix: Soil
Analysis Batch: 14B0118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 14B0118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Hydrocarbons	ND		20.0		mg/kg wet		02/26/14 12:32	02/26/14 16:37	1.00
Heavy Oil Range Hydrocarbons	ND		50.0		mg/kg wet		02/26/14 12:32	02/26/14 16:37	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92.5*		*50 - 150*	*02/26/14 12:32*	*02/26/14 16:37*	*1.00*
n-Triacontane-d62	*94.0*		*50 - 150*	*02/26/14 12:32*	*02/26/14 16:37*	*1.00*

Lab Sample ID: 14B0118-BS1
Matrix: Soil
Analysis Batch: 14B0118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0118_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Hydrocarbons			66.7	55.9		mg/kg wet		83.9	73 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*90.7*		*50 - 150*

Method: NWTPH-Dx - Semivolatile Petroleum Products by NWTPH-Dx (Continued)

Lab Sample ID: 14B0118-BS1
Matrix: Soil
Analysis Batch: 14B0118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 14B0118_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Triacontane-d62	*96.7*		*50 - 150*

Lab Sample ID: 14B0118-DUP1
Matrix: Soil
Analysis Batch: 14B0118

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 14B0118_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD	RPD Limit
Diesel Range Hydrocarbons	14.9			15.8		mg/kg dry	☼			5.44	40
Heavy Oil Range Hydrocarbons	63.0			82.4		mg/kg dry	☼			26.7	40

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
o-Terphenyl	*96.2*		*50 - 150*
n-Triacontane-d62	*103*		*50 - 150*

Lab Sample ID: 14B0118-DUP2
Matrix: Soil
Analysis Batch: 14B0118

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 14B0118_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD	RPD Limit
Diesel Range Hydrocarbons	18.2			17.6		mg/kg dry	☼			3.53	40
Heavy Oil Range Hydrocarbons	85.6			98.9		mg/kg dry	☼			14.4	40

Surrogate	Duplicate %Recovery	Duplicate Qualifier	Limits
o-Terphenyl	*92.3*		*50 - 150*
n-Triacontane-d62	*101*		*50 - 150*

Lab Chronicle

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Client Sample ID: Bottom
Date Collected: 02/21/14 14:15
Date Received: 02/21/14 14:40

Lab Sample ID: SXB0100-01
Matrix: Soil
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 3550B		1.60	14C0005_P	03/03/14 14:18	MS	TAL SPK
Total	Analysis	EPA 8270D		1.00	14C0005	03/05/14 13:46	MRS	TAL SPK
Total	Prep	EPA 3550B		0.958	14B0118_P	02/26/14 12:32	MS	TAL SPK
Total	Analysis	NWTPH-Dx		1.00	14B0118	02/26/14 18:52	MRS	TAL SPK
Total	Prep	Wet Chem		1.00	14B0130_P	02/26/14 16:30	MS	TAL SPK
Total	Analysis	TA SOP		1.00	14B0130	02/27/14 15:45	MS	TAL SPK

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

Certification Summary

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Laboratory: TestAmerica Spokane

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-071	10-31-14
Washington	State Program	10	C569	01-06-15

Method Summary

Client: URS Corp.
Project/Site: 38619812.56520.00001

TestAmerica Job ID: SXB0100

Method	Method Description	Protocol	Laboratory
EPA 8270D	Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring		TAL SPK
NWTPH-Dx	Semivolatile Petroleum Products by NWTPH-Dx		TAL SPK
TA SOP	Conventional Chemistry Parameters by APHA/EPA Methods		TAL SPK

Protocol References:

Laboratory References:

TAL SPK = TestAmerica Spokane, 11922 East 1st. Avenue, Spokane, WA 99206, TEL (509)924-9200

TestAmerica Spokane
11922 E. 1st Ave.
Spokane, WA 99206
Phone: 509.924.9200 Fax:

Chain of Custody Record

013271

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: MTCA

Client Contact	Project Manager: GARY PANTHER	Site Contact: GARY PANTHER	Date: 022114	COC No: SNA0100
Company Name: UPS	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
Address: 920 N. Argonne #300	Analysis Turnaround Time			Sampler:
City/State/Zip: Spokane Valley, WA 99212	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 509-954-5090	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: AutoNation (CAN)	☐ 1 week			Job / SDG No.:
Site: AutoNation Toyota	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	NWTPH-Dx	PAHs	Sample Specific Notes:
Bottom	022114	1415	G	S	3			X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for____ Months

Special Instructions/QC Requirements & Comments:

Hold

19.1°C

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:____ Corr'd:____ | Therm ID No.:____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	UPS	022114 1440		TestAmerica	2-21-14 14:40
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3/5/2014

TestAmerica Spokane
Sample Receipt Form

Work Order #: 580100	Client: URS		Project: Auto Nation
Date/Time Received: 2-21-14	14:40	By: CS	

Samples Delivered By: ☐Shipping Service ☐Courier ☒Client ☐Other: _____

List Air Bill Number(s) or Attach a photocopy of the Air Bill:

Receipt Phase	Yes	No	NA	Comments
Were samples received in a cooler:	X			
Custody Seals are present and intact:			X	
Are CoC documents present:	X			
Necessary signatures:	X			

Thermal Preservation Type: ☐Blue Ice ☐Gel Ice ☐Real Ice ☐Dry Ice ☒None ☐Other: _____

Temperature: 19.1 °C Thermometer (Circle **one** Serial #122208348 Keyring IR Serial # 111874910 IR Gun 2)(acceptance criteria 0-6

Temperature out of range: ☐Not enough ice ☐Ice melted ☐w/in 4hrs of collection ☐NA ☐Other: _____

Log-In Phase Date/Time: 2-21-14 14:40 By: CS	Yes	No	NA	Comments
Are sample labels affixed and completed for each container	Y			
Samples containers were received intact:	Y			
Do sample IDs match the CoC	Y			
Appropriate sample containers were received for tests requested	Y			
Are sample volumes adequate for tests requested	Y			
Appropriate preservatives were used for the tests requested	Y			
pH of inorganic samples checked and is within method specification	Y			
Are VOC samples free of bubbles >6mm (1/4" diameter)			Y	
Are dissolved parameters field filtered			Y	
Do any samples need to be filtered or preserved by the lab			Y	
Does this project require quick turnaround analysis			Y	
Are there any short hold time tests (see chart below)			Y	
Are any samples within 2 days of or past expiration			Y	
Was the CoC scanned	Y			
Were there Non-conformance issues at login		Y		
If yes, was a CAR generated # _____			Y	

24 hours or less	48 hours	7 days
Coliform Bacteria	BOD, Color, MBAS	TDS, TSS, VDS, FDS
Chromium +6	Nitrate/Nitrite	Sulfide
	Orthophosphate	Aqueous Organic Prep

Form No. SP-FORM-SPL-002 12 December 2012

Attachment C

Soil Disposal Receipts

WASTE MANAGEMENT

DISPOSAL PCS

Graham Road Facility
1820 S. Graham Road
Medical Lake, WA, 99022
Ph: (509)244-0151

Original
Ticket# 446944

Customer Name LSENTERPR LS ENTERPRISE
Ticket Date 03/17/2014
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO 108607WA
Profile 108607WA (PCS~LS ENTERPRISE~AUTONATION~108607WA)
Generator WA-AUTONATION AUTONATION_8616 E 1ST AVE

Carrier LS ENTERPRISES LS ENTERPRISES
Vehicle# LEIF
Container
Driver LEIF
Check#
Billing # 0000967
Gen EPA ID
Grid

Volume

	Time	Scale	Operator
In	03/17/2014 15:10:44	Scale1	JSchrod1
Out	03/17/2014 15:19:27	Scale1	JSchrod1

Inbound

Gross	92060 lb
Tare	36140 lb
Net	55920 lb
Tons	27.96

Comments

MY SIGNATURE CERTIFIES NON-ASBESTOS DEBRIS/EXCEPT:PROPER PACKAGED- W/WSR

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-Tons	100	27.96	Tons	36.00	36.24	$1006.56	SPOKANE
2	SRHD1-Spokane Regi	100	27.96	Tons	0.32		$8.95	SPOKANE
3	ENVFEE$6.30-Env Fe	100	27.96	Tons	6.30		$176.15	SPOKANE

Total Tax	$36.24
Total Ticket	$1227.90

03WM

WASTE MANAGEMENT

Graham Road Facility
1820 S. Graham Road
Medical Lake, WA, 99022
Ph: (509)244-0151

Original
Ticket# 446957

Customer Name LSENTERPR LS ENTERPRISE
Ticket Date 03/18/2014
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO 108607wa
Profile 108607WA (PCS~LS ENTERPRISE~AUTONATION~108607WA)
Generator WA-AUTONATION AUTONATION_8616 E 1ST AVE

Carrier LS ENTERPRISES LS ENTERPRISES
Vehicle# LEIF
Container
Driver LEIF
Check#
Billing # 0000967
Gen EPA ID

Grid

Volume

	Time	Scale	Operator
In	03/18/2014 07:06:02	Scale1	mperkin3
Out	03/18/2014 07:13:49	Scale1	mperkin3

Inbound

Gross	83920 lb
Tare	36180 lb
Net	47740 lb
Tons	23.87

Comments

MY SIGNATURE CERTIFIES NON-ASBESTOS DEBRIS/EXCEPT:PROPER PACKAGED- W/WSR

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-Tons	100	23.87	Tons	36.00	30.94	$859.32	SPOKANE
2	SRHD1-Spokane Regi	100	23.87	Tons	0.32		$7.64	SPOKANE
3	ENVFEE$6.30-Env Fe	100	23.87	Tons	6.30		$150.38	SPOKANE

Total Tax $30.94
Total Ticket $1048.28

403WM
Driver's Signature

WASTE MANAGEMENT

Graham Road Facility
1820 S. Graham Road
Medical Lake, WA, 99022
Ph: (509)244-0151

Original
Ticket# 446993

Customer Name LSENTERPR LS ENTERPRISE
Ticket Date 03/18/2014
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO 108607WA
Profile 108607WA (PCS~LS ENTERPRISE~AUTONATION~108607WA)
Generator WA-AUTONATION AUTONATION_8616 E 1ST AVE

Carrier LS ENTERPRISES LS ENTERPRISES
Vehicle# LEIF Volume
Container
Driver LEIF
Check#
Billing # 0000967
Gen EPA ID

Grid

	Time	Scale	Operator	Inbound		
In	03/18/2014 11:16:25	Scale1	JSchrod1		Gross	83360 lb
Out	03/18/2014 11:25:08	Scale1	JSchrod1		Tare	36000 lb
					Net	47360 lb
					Tons	23.68

Comments

MY SIGNATURE CERTIFIES NON-ASBESTOS DEBRIS/EXCEPT:PROPER PACKAGED- W/WSR

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-Tons	100	23.68	Tons	36.00	30.69	$852.48	SPOKANE
2	SRHD1-Spokane Regi	100	23.68	Tons	0.32		$7.58	SPOKANE
3	ENVFEE$6.30-Env Fe	100	23.68	Tons	6.30		$149.18	SPOKANE

Total Tax $30.69
Total Ticket $1039.93

403WM

WASTE MANAGEMENT

Graham Road Facility
1820 S. Graham Road
Medical Lake, WA, 99022
Ph: (509)244-0151

Original
Ticket# 447010

Customer Name LSENTERPR LS ENTERPRISE
Ticket Date 03/18/2014
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO 108607WA
Profile 108607WA (PCS~LS ENTERPRISE~AUTONATION~108607WA)
Generator WA-AUTONATION AUTONATION_8616 E 1ST AVE

Carrier LS ENTERPRISES LS ENTERPRISES
Vehicle# LEIF
Container
Driver LEIF
Check#
Billing # 0000967
Gen EPA ID

Grid

	Time	Scale	Operator	Inbound		
In	03/18/2014 13:13:46	Scale1	MPERKIN3		Gross	80720 lb
Out	03/18/2014 13:22:35	Scale1	JSchrod1		Tare	35940 lb
					Net	44780 lb
					Tons	22.39

Comments

MY SIGNATURE CERTIFIES NON-ASBESTOS DEBRIS/EXCEPT:PROPER PACKAGED- W/WSR

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-Tons 100		22.39	Tons	36.00	29.02	$806.04	SPOKANE
2	SRHD1-Spokane Regi 100		22.39	Tons	0.32		$7.16	SPOKANE
3	ENVFEE$6.30-Env Fe 100		22.39	Tons	6.30		$141.06	SPOKANE

Total Tax $29.02
Total Ticket $983.28

403WM
Driver's Signature