MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM

CLOSURE REPORT FOR PETROLEUM RELEASES AT UNDERGROUND STORAGE TANK SITES

Return completed form to:
Missouri Department of Natural Resources
Hazardous Waste Program/Tanks Section
PO Box 176
Jefferson City, MO 65102

SITE NAME	SITE NUMBER	RELEASE NUMBER
Former Spotless Car Wash	ST0021172	

SITE ADDRESS
3300 Wisconsin Ave.

CITY	STATE	ZIP CODE
St. Louis	MO	63102

PREPARED BY	REVIEWED BY	SUBMITTAL DATE
Dennis Wilson		

FACILITY INFORMATION

NAME
Former Spotless Car Wash / USEPA Region 7 CERCLA Removal

ADDRESS
3300 Wisconsin Ave.

CITY	STATE	ZIP CODE
St. Louis	MO	63102

TELEPHONE NUMBER WITH AREA CODE	E-MAIL ADDRESS
(314) 657-3738	howellc@stlouis-mo.gov

DATE OF PROJECT INITITATION	DATE OF PROJECT COMPLETITION
3/17/2014	5/30/2014

UNDERGROUND STORAGE TANK (UST) OWNER INFORMATION

NAME
Land Reutilization Authority of the City of St. Louis

ADDRESS
1520 Market Street Suite 2000

CITY	STATE	ZIP CODE
St. Louis	MO	63103

TELEPHONE NUMBER WITH AREA CODE	CONTACT PERSON	E-MAIL ADDRESS
(314) 657-3738	Chad Howell	howellc@stlouis-mo.gov

PARTY PERFORMING CLOSURES

NAME
Environmental Restoration LLC

ADDRESS
1666 Fabick Dr.

CITY	STATE	ZIP CODE
Fenton	MO	63026

TELEPHONE NUMBER WITH AREA CODE	CONTACT PERSON	E-MAIL ADDRESS
636-227-7477	Dennis Wilson	dennis.wilson@erllc.com

CERTIFICATION OF PROPER CLOSURE

I certify that the information in this report is true and complete.

SIGNATURE OF PARTY PERFORMING CLOSURE	DATE
Digitally signed by Dave Brinkmeyer DN: dc=local, dc=ERLLCSTL, ou=St. Louis, ou=Project Users, cn=Dave Brinkmeyer, emailAddress=dbrinkmeyer@erllc.com Date: 2014.09.29 15:14:24 -05'00'	9/30/14
SIGNATURE OF OWNER/OPERATOR	DATE
	9/30/2014

UNDERGROUNDSTORAGE TANK DISPOSAL INFORMATION

Fate of tank: ☑ Recycle/Savage ☐ Landfill ☐ Unregulated (explain)

FINAL DESTINATION OF TANKS			
Grossman Iron & Steel Co.			
ADDRESS OF FINAL DESTINATION	CITY	STATE	ZIP CODE
5 North Market Street	St. Louis	MO	63102

SOIL DISPOSAL INFORMATION

CUBIC YARDS OF SOIL EXCAVATED	CUBIC YARDS OF NON-CONTAMINIATED SOIL RETURNED TO PIT	CUBIC YARDS OF CONTAMINATED SOIL DISPOSED OR RETURNED
100	100	

DISPOSAL OF PETROLEUM-CONTAMINATED WATER

GALLONS OF WASTEWATER GENERATED

3,300

Check disposable method and explain:

☑ Hazardous waste disposal firm: EQ

☐ On-site discharge under general permit limits:

☐ Discharge to wastewater treatment plant:

DISPOSAL OF SLUDGE/RINSATE

GALLONS OF SLUDGE/RINSATE DISPOSED

N/A

HAZARDOUS WASTE DISPOSAL FIRM

HAZARDOUS WASTE DISPOSAL FIRM ADDRESS	CITY	STATE	ZIP CODE

UNDERGROUND STORAGE TANKS CLOSED

Tank Number	Capacity (gallons)	Year Installed	Date removed from service (use)	Underground Storage Tank Construction Material	Product Stored	Method of Closure*
O1	2000		3/19/2014	Steel	Unknown	R
02	2000		3/19/2014	Steel	Unknown	R
03	2000		3/19/2014	Steel	Unknown	R
04	2000		3/19/2014	Steel	Unknown	R
05	500		3/21/2014	Steel	Unknown	R
06	1000		3/21/2014	Steel	Unknown	R
07-08	1000		3/21/2014	Steel	Unknown	R

* R=Removal, I=In-place

USER REGISTRATION

Are Underground Storage Tanks registered? ☑ Yes ☐ No

MANDATORY ATTACHMENTS

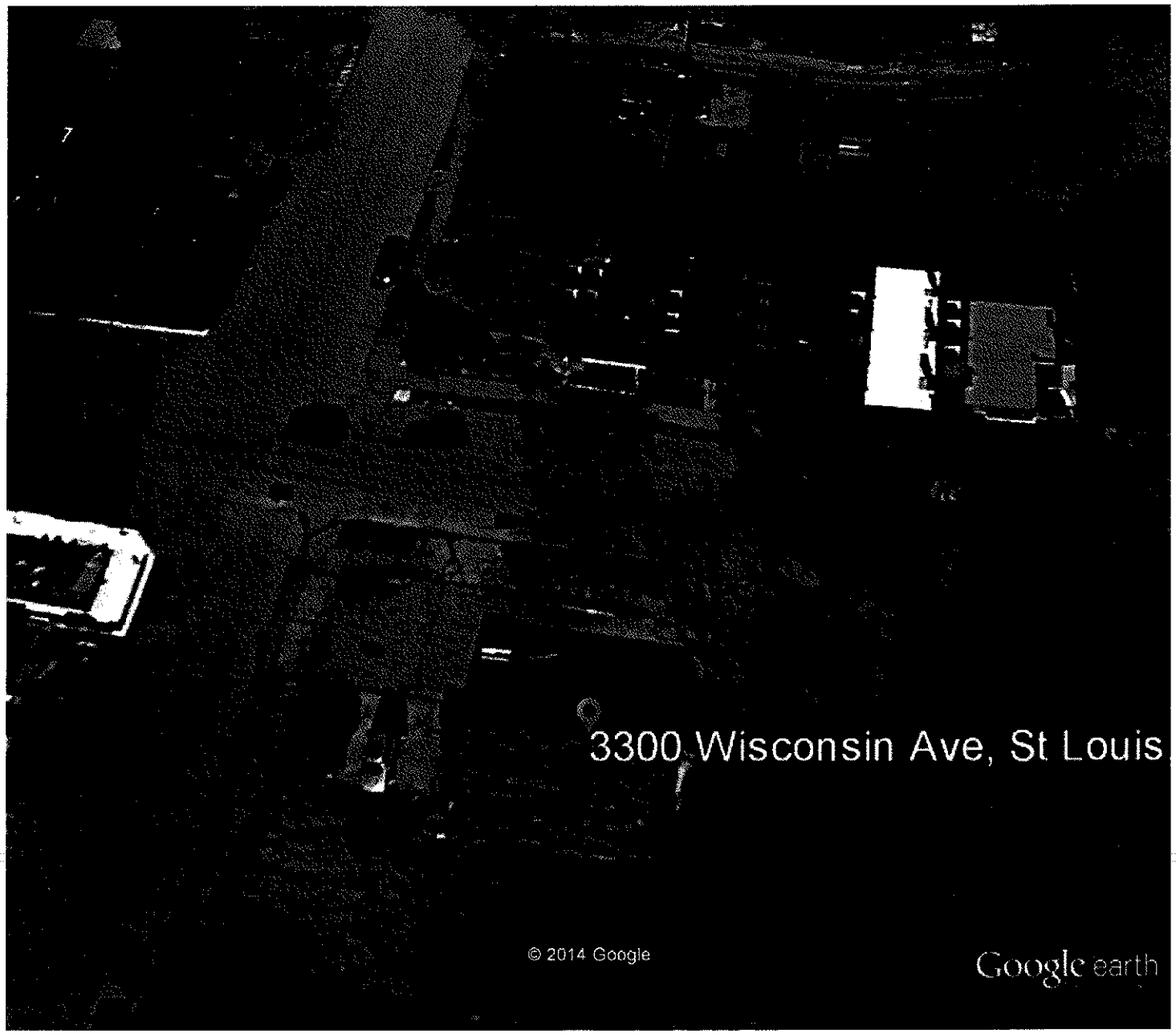
1. Attach a map or multiple maps of the site which includes:
   a) Size and contents of all Underground Storage Tanks.
   b) Locations and lengths of all fuel lines.
   c) Locations of all pump islands.
   d) Location of the excavation pit boundaries.
   e) Locations of all required samples using the specified labeling format.
   f) Location of all above ground tanks and associated piping, plus the size and contents of each.
   g) Depth to the bottom of each tank and depth of all excavations.
   h) Direction and degree of slope on the site.
   i) Scale of the sketch in feet.
   j) Properties immediately adjacent to the site.
2. Attach color photographs of the following:
   a) All sides of the removed Underground Storage Tanks.
   b) Each wall and floor of the excavation pit, if USTs are removed.
   c) All sealed vent or pipe lines (if applicable).
   d) The sealed Underground Storage Tanks, if closed in-place.
   e) The site before the initiation of the closure and after the completion of the closure.
3. Attach appropriate documentation of soil disposal or treatment.
4. Attach copy of "Virgin Product Disposal Form" or "Special Waste Form" if applicable.
5. Attach bills of sale/certificate of disposal.

RESULTS OF SOIL ANALYSIS

SITE NUMBER See Attached Analytical | SUBMITTAL DATE | PREPARED BY Teklab

Select one:	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-site / Off-site	On-Site		Off-Site	
MW / SB No.														Arithmetic Average	Maximum	Arithmetic Average	Maximum
Sampling Date														Only for review purposes, not necessarily used as representative concentrations.			
Sample Depth (feet)																	
Organics (all concentrations must be in mg/kg)																	
Benzene																	
Toluene																	
Ethyl benzene																	
Xylenes (mixed)																	
Ethylene Dibromide (EDB)																	
Ethylene Dichloride (EDC)																	
Methyl-tert-butyl-ether (MTBE)																	
Acenaphthene																	
Anthracene																	
Benzo(a)anthracene																	
Benzo(a)pyrene																	
Benzo(b)fluoranthene																	
Benzo(k)fluoranthene																	
Chrysene																	
Dibenzo(a,h)anthracene																	
Fluoranthene																	
Fluorene																	
Naphthalene																	
Pyrene																	
TPH-GRO																	
TPH-DRO																	
TPH-ORO																	
Tertiary-amyl-methyl-ether (TAME)																	

Site Maps/Sketches



Google earth

feet 100
meters 30

Photo Log

-Tetra Tech Photos

-ER Photos

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the start of the underground storage tank (UST) removal activities at the west tank pit, on the west side of the building at the Former Spotless Car Wash project site.	1
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/18/14
DIRECTION: East	PHOTOGRAPHER	Dave Kinroth	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the uncovered west tank pit on the west side of the building, including Tanks 1 through 4, with Tank 4 being the closest to the building. All tanks were found to contain liquid.	2
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/18/14
DIRECTION: Southeast	PHOTOGRAPHER	Heath Smith	

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the exploration efforts to find the USTs on the east side of the building.	5
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: West	PHOTOGRAPHER	Christina Engemann	

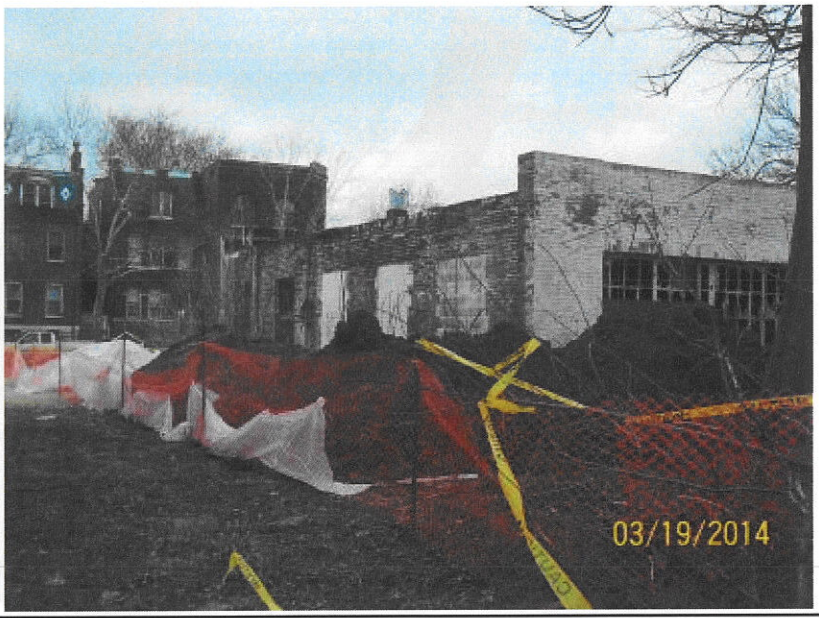
TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the location of Tank 8 in the east tank pit. The tank was empty.	6
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: West	PHOTOGRAPHER	Christina Engemann	

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the liquid observed in Tank 7, assumed to be waste oil.	9
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: East	PHOTOGRAPHER	Heath Smith	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the removal of the liquid from Tank 7 via vacuum.	10
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: Northwest	PHOTOGRAPHER	Heath Smith	

Former Spotless Car Wash
St. Louis, Missouri



TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the stockpiled soil removed from the east tank pit and used as fill for the east tank pit after the tanks were removed.	13
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: Northwest	PHOTOGRAPHER	Christina Engemann	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the process of removing the liquid from Tanks 1 through 4.	14
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/19/14
DIRECTION: North	PHOTOGRAPHER	Christina Engemann	

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the removal of Tank 5 from the east tank pit.	17
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/20/14
DIRECTION: East	PHOTOGRAPHER	Dave Kinroth	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows Tank 5 after being removed from the east tank pit.	18
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/20/14
DIRECTION: Northwest	PHOTOGRAPHER	Dave Kinroth	

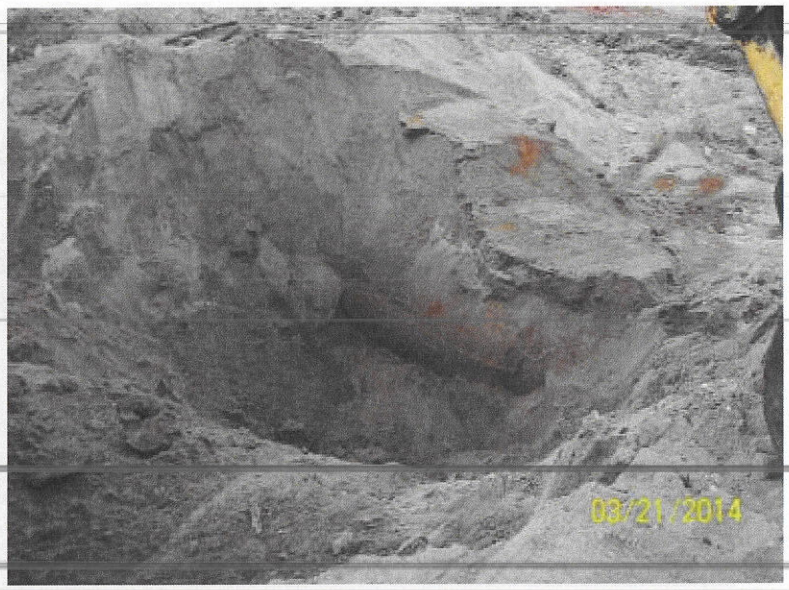
Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the removal of Tank 7 from the east tank pit.	21
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/20/14
DIRECTION: South	PHOTOGRAPHER	Dave Kinroth	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the removal of Tank 7 from the east tank pit.	22
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/20/14
DIRECTION: Southeast	PHOTOGRAPHER	Dave Kinroth	

Former Spotless Car Wash
St. Louis, Missouri

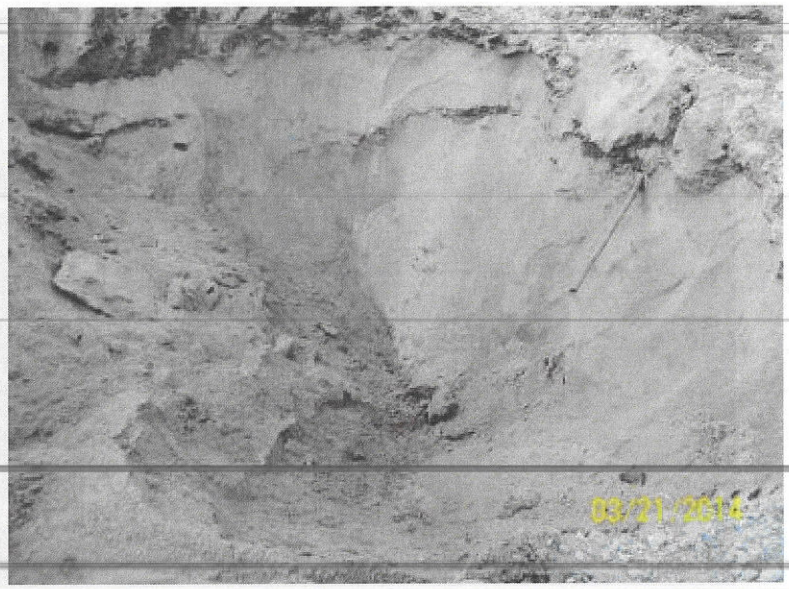
TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the floor of the excavated area for Tank 4 in the west tank pit.	25
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/21/14
DIRECTION: South	PHOTOGRAPHER	Christina Engemann	



TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the floor of the excavated area for Tank 3 in the west tank pit.	26
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/21/14
DIRECTION: Southwest	PHOTOGRAPHER	Christina Engemann	

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows Tank 1 from the west tank pit.	29
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/21/14
DIRECTION: West	PHOTOGRAPHER	Christina Engemann	



TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the floor of the excavated area for Tank 1 in the west tank pit.	30
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/21/14
DIRECTION: South	PHOTOGRAPHER	Christina Engemann	

Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the SB-2 (4-6) sample location.	33
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/24/14
DIRECTION: East	PHOTOGRAPHER	Christina Engemann	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the SB-3 (14-16) sample location.	34
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/24/14
DIRECTION: East	PHOTOGRAPHER	Christina Engemann	

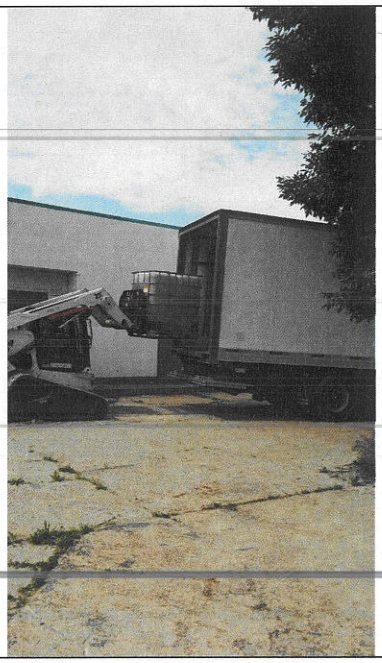
Former Spotless Car Wash
St. Louis, Missouri

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the SB-6 (1-3) sample location.	37
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/24/14
DIRECTION: Southeast	PHOTOGRAPHER	Christina Engemann	

TETRA TECH PROJECT NO. X9025.14.0002.017	DESCRIPTION	This photograph shows the SB-7 (4-5) sample location.	38
	CLIENT	Environmental Protection Agency - Region 7	DATE 3/24/14
DIRECTION: Southeast	PHOTOGRAPHER	Christina Engemann	

Photographic Documentation
Former Spotless Carwash Site
St. Louis, MO
Project No. BF7-25

Photo: 1 **Description:** Load out of totes from Site for transport to TSDF for disposal.	

Photo: 2 **Description:** Load out of totes from Site for transport to TSDF for disposal.	

Photographic Documentation
Former Spotless Carwash Site
St. Louis, MO
Project No. BF7-25

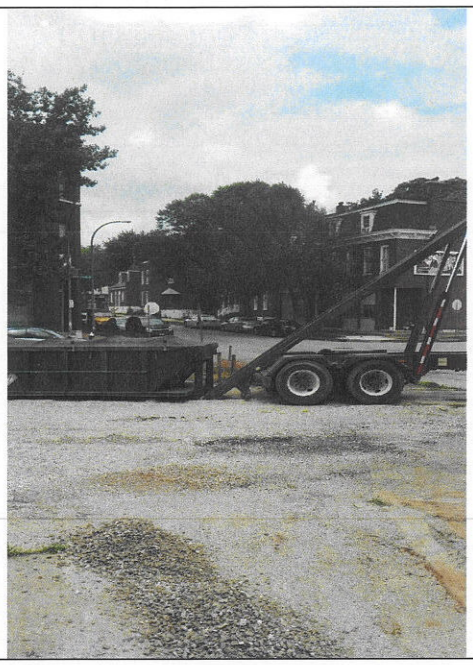
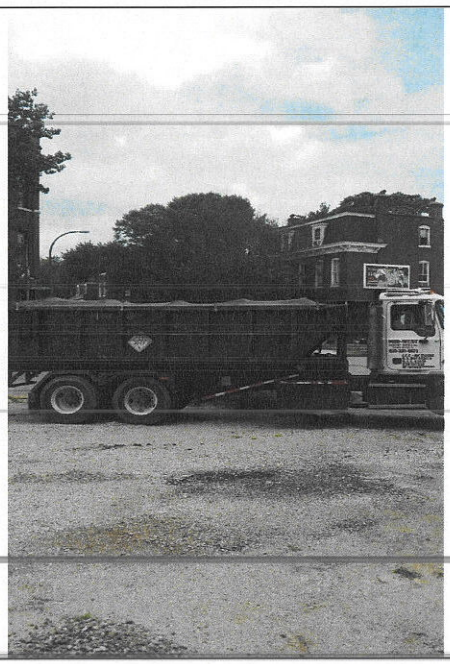
Photo: 3 **Description:** Rolloff of debris/tank solids being loaded from Site for transport to TSDF for disposal.	

Photo: 4 **Description:** Rolloff of debris/tank solids loaded for transport to TSDF for disposal.	

Photographic Documentation
Former Spotless Carwash Site
St. Louis, MO
Project No. BF7-25

Photo: 5

Description:
West Side of Site after restoration of all areas.

Photo: 6

Description:
East Side of Site after restoration of all areas.

Analytical Data

Teklab –Backfill sample

ALS Environmental –Confirmation samples

March 20, 2014

Dennis Wilson
Environmental Restoration, LLC
1666 Fabick Drive
Fenton, MO 63026
TEL: (314) 614-6577
FAX: (636) 227-6447

RE: Former Spotless Carwash

WorkOrder: 14031020

Dear Dennis Wilson:

TEKLAB, INC received 1 sample on 3/19/2014 4:39:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Report Contents

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Quality Control Results	6
Receiving Check List	10
Chain of Custody	Appended

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

Abbr Definition

Abbr	Definition
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
DNI	Did not ignite
DUP	Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MB	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TNTC	Too numerous to count (> 200 CFU)

Qualifiers

# - Unknown hydrocarbon	B - Analyte detected in associated Method Blank
E - Value above quantitation range	H - Holding times exceeded
J - Analyte detected below quantitation limits	M - Manual Integration used to determine area response
ND - Not Detected at the Reporting Limit	R - RPD outside accepted recovery limits
S - Spike Recovery outside recovery limits	X - Value exceeds Maximum Contaminant Level

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

Cooler Receipt Temp: 18.6 °C

Locations and Accreditations

	Collinsville	Springfield	Kansas City	Collinsville Air
Address	5445 Horseshoe Lake Road	3920 Pintail Dr	8421 Nieman Road	5445 Horseshoe Lake Road
	Collinsville, IL 62234-7425	Springfield, IL 62711-9415	Lenexa, KS 66214	Collinsville, IL 62234-7425
Phone	(618) 344-1004	(217) 698-1004	(913) 541-1998	(618) 344-1004
Fax	(618) 344-1005	(217) 698-1005	(913) 541-1998	(618) 344-1005
Email	jhriley@teklabinc.com	KKlostermann@teklabinc.com	dthompson@teklabinc.com	EHurley@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2015	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2014	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2014	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2014	Springfield
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2014	Collinsville
Arkansas	ADEQ	88-0966		3/14/2015	Collinsville
Illinois	IDPH	17584		5/31/2015	Collinsville
Kentucky	UST	0073		1/31/2015	Collinsville
Missouri	MDNR	00930		5/31/2015	Collinsville
Oklahoma	ODEQ	9978		8/31/2014	Collinsville

Teklab, Inc.
Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Environmental Restoration, LLC
Work Order: 14031020
Client Project: Former Spotless Carwash
Report Date: 20-Mar-14
Lab ID: 14031020-001
Client Sample ID: East Pit Soil-Backfill
Matrix: SOLID
Collection Date: 03/19/2014 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550C, 5035A, ASTM D2974								
Percent Moisture		0.1		**17.9**	%	1	03/19/2014 17:14	R188390
SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.021		**ND**	mg/Kg-dry	5	03/20/2014 10:17	96974
Acenaphthylene	NELAP	0.021		**0.022**	mg/Kg-dry	5	03/20/2014 10:17	96974
Anthracene	NELAP	0.021		**0.292**	mg/Kg-dry	5	03/20/2014 10:17	96974
Benzo(a)anthracene	NELAP	0.021		**1.35**	mg/Kg-dry	5	03/20/2014 10:17	96974
Benzo(a)pyrene	NELAP	0.021		**1.24**	mg/Kg-dry	5	03/20/2014 10:17	96974
Benzo(b)fluoranthene	NELAP	0.021		**1.89**	mg/Kg-dry	5	03/20/2014 10:17	96974
Benzo(g,h,i)perylene	NELAP	0.021		**0.917**	mg/Kg-dry	5	03/20/2014 10:17	96974
Benzo(k)fluoranthene	NELAP	0.021		**0.618**	mg/Kg-dry	5	03/20/2014 10:17	96974
Chrysene	NELAP	0.021		**1.53**	mg/Kg-dry	5	03/20/2014 10:17	96974
Dibenzo(a,h)anthracene	NELAP	0.021		**0.236**	mg/Kg-dry	5	03/20/2014 10:17	96974
Fluoranthene	NELAP	0.021		**2.59**	mg/Kg-dry	5	03/20/2014 10:17	96974
Fluorene	NELAP	0.021		**0.061**	mg/Kg-dry	5	03/20/2014 10:17	96974
Indeno(1,2,3-cd)pyrene	NELAP	0.021		**0.771**	mg/Kg-dry	5	03/20/2014 10:17	96974
Naphthalene	NELAP	0.021		**0.034**	mg/Kg-dry	5	03/20/2014 10:17	96974
Phenanthrene	NELAP	0.021		**1.45**	mg/Kg-dry	5	03/20/2014 10:17	96974
Pyrene	NELAP	0.021		**2.23**	mg/Kg-dry	5	03/20/2014 10:17	96974
Surr: 2-Fluorobiphenyl		35.7-88.4		**55.7**	%REC	5	03/20/2014 10:17	96974
Surr: Nitrobenzene-d5		26.3-87.6		**51.7**	%REC	5	03/20/2014 10:17	96974
Surr: p-Terphenyl-d14		51-107		**70.6**	%REC	5	03/20/2014 10:17	96974
Elevated reporting limit due to sample extract composition.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	1		**ND**	µg/Kg-dry	1	03/20/2014 1:40	97017
Ethylbenzene	NELAP	5.3		**ND**	µg/Kg-dry	1	03/20/2014 1:40	97017
Toluene	NELAP	5.3		**ND**	µg/Kg-dry	1	03/20/2014 1:40	97017
Xylenes, Total	NELAP	5.3		**ND**	µg/Kg-dry	1	03/20/2014 1:40	97017
Surr: 1,2-Dichloroethane-d4		72.2-131		**98.1**	%REC	1	03/20/2014 1:40	97017
Surr: 4-Bromofluorobenzene		82.1-116		**108.7**	%REC	1	03/20/2014 1:40	97017
Surr: Dibromofluoromethane		77.7-120		**94.7**	%REC	1	03/20/2014 1:40	97017
Surr: Toluene-d8		86-116		**105.9**	%REC	1	03/20/2014 1:40	97017

Client: Environmental Restoration, LLC

Work Order: 14031020

Client Project: Former Spotless Carwash

Report Date: 20-Mar-14

EPA SW846 3550C, 5035A, ASTM D2974

Batch R188390 **SampType:** LCS Units %
SampID: LCS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Percent Moisture	0.1		**99**	99	0	100	90	110	03/19/2014

Batch R188390 **SampType:** LCSQC Units %
SampID: LCSQC

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Percent Moisture	0.1		**99**	99	0	100	90	110	03/19/2014

Batch R188390 **SampType:** DUP Units % RPD Limit **15**
SampID: 14030818-001A DUP

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Percent Moisture	0.1		**21.8**				21.84	0.05	03/19/2014

Batch R188390 **SampType:** DUP Units % RPD Limit **15**
SampID: 14030818-004A DUP

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Percent Moisture	0.1		**21.7**				21.73	0.00	03/19/2014

Batch R188390 **SampType:** DUP Units % RPD Limit **15**
SampID: 14030841-001A DUP

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Percent Moisture	0.1		**80.2**				80.37	0.21	03/19/2014

Batch R188390 **SampType:** DUP Units % RPD Limit **15**
SampID: 14030846-001A DUP

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Percent Moisture	0.1		**23.5**				23.77	1.27	03/19/2014

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 96974 **SampType:** MBLK Units mg/Kg

SampID: MBLK-96974

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		**ND**						03/19/2014
Acenaphthylene	0.003		**ND**						03/19/2014
Anthracene	0.003		**ND**						03/19/2014
Benzo(a)anthracene	0.003		**ND**						03/19/2014
Benzo(a)pyrene	0.003		**ND**						03/19/2014
Benzo(b)fluoranthene	0.003		**ND**						03/19/2014
Benzo(g,h,i)perylene	0.003		**ND**						03/19/2014
Benzo(k)fluoranthene	0.003		**ND**						03/19/2014
Chrysene	0.003		**ND**						03/19/2014
Dibenzo(a,h)anthracene	0.003		**ND**						03/19/2014
Fluoranthene	0.003		**ND**						03/19/2014
Fluorene	0.003		**ND**						03/19/2014
Indeno(1,2,3-cd)pyrene	0.003		**ND**						03/19/2014
Naphthalene	0.003		**ND**						03/19/2014
Phenanthrene	0.003		**ND**						03/19/2014
Pyrene	0.003		**ND**						03/19/2014
Surr: 2-Fluorobiphenyl			**0.096**	0.167		57.5	23.9	107	03/19/2014
Surr: Nitrobenzene-d5			**0.102**	0.167		60.9	22.6	106	03/19/2014
Surr: p-Terphenyl-d14			**0.128**	0.167		76.4	29.6	127	03/19/2014

Batch 96974 **SampType:** LCS Units mg/Kg

SampID: LCS-96974

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		**0.112**	0.167	0	67.3	42.8	98.4	03/19/2014
Acenaphthylene	0.003		**0.112**	0.167	0	67.3	41.9	101	03/19/2014
Anthracene	0.003		**0.113**	0.167	0	67.9	41.7	100	03/19/2014
Benzo(a)anthracene	0.003		**0.126**	0.167	0	75.2	50.3	100	03/19/2014
Benzo(a)pyrene	0.003		**0.112**	0.167	0	67.3	35.5	101	03/19/2014
Benzo(b)fluoranthene	0.003		**0.118**	0.167	0	70.7	48.4	95.2	03/19/2014
Benzo(g,h,i)perylene	0.003		**0.129**	0.167	0	77.2	36.5	110	03/19/2014
Benzo(k)fluoranthene	0.003		**0.114**	0.167	0	68.5	45.3	99.7	03/19/2014
Chrysene	0.003		**0.115**	0.167	0	68.7	50.7	97.7	03/19/2014
Dibenzo(a,h)anthracene	0.003		**0.127**	0.167	0	76.2	41.3	106	03/19/2014
Fluoranthene	0.003		**0.111**	0.167	0	66.3	45.1	107	03/19/2014
Fluorene	0.003		**0.108**	0.167	0	64.7	43	104	03/19/2014
Indeno(1,2,3-cd)pyrene	0.003		**0.126**	0.167	0	75.4	38.2	109	03/19/2014
Naphthalene	0.003		**0.107**	0.167	0	64.1	37.1	96.3	03/19/2014
Phenanthrene	0.003		**0.116**	0.167	0	69.7	46.1	104	03/19/2014
Pyrene	0.003		**0.111**	0.167	0	66.3	46.5	112	03/19/2014
Surr: 2-Fluorobiphenyl			**0.089**	0.167		53.5	29.5	90.3	03/19/2014
Surr: Nitrobenzene-d5			**0.096**	0.167		57.7	34.7	85	03/19/2014
Surr: p-Terphenyl-d14			**0.129**	0.167		77.2	41.3	117	03/19/2014

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 96974 **SampType: MS** Units **mg/Kg-dry**

SampID: 14030904-005AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.007		**0.228**	0.3416	0	66.7	56.3	115	03/19/2014
Acenaphthylene	0.007		**0.222**	0.3416	0	64.9	60.3	143	03/19/2014
Anthracene	0.007		**0.228**	0.3416	0.01782	61.4	52.1	109	03/19/2014
Benzo(a)anthracene	0.007		**0.28**	0.3416	0.07471	60	52.8	112	03/19/2014
Benzo(a)pyrene	0.007		**0.256**	0.3416	0.06922	54.8	40.8	127	03/19/2014
Benzo(b)fluoranthene	0.007		**0.275**	0.3416	0.08087	57	50.1	150	03/19/2014
Benzo(g,h,i)perylene	0.007		**0.271**	0.3416	0.05346	63.8	52.8	145	03/19/2014
Benzo(k)fluoranthene	0.007		**0.249**	0.3416	0.0281	64.6	52	153	03/19/2014
Chrysene	0.007	S	**0.258**	0.3416	0.07676	53.2	60.8	128	03/19/2014
Dibenzo(a,h)anthracene	0.007		**0.251**	0.3416	0.01097	70.2	54.9	150	03/19/2014
Fluoranthene	0.007	S	**0.275**	0.3416	0.1179	45.9	58.7	125	03/19/2014
Fluorene	0.007		**0.22**	0.3416	0	64.5	57.8	125	03/19/2014
Indeno(1,2,3-cd)pyrene	0.007		**0.264**	0.3416	0.03907	65.8	52	147	03/19/2014
Naphthalene	0.007		**0.216**	0.3416	0.006854	61.3	54.8	113	03/19/2014
Phenanthrene	0.007	S	**0.263**	0.3416	0.08225	53	60.4	121	03/19/2014
Pyrene	0.007	S	**0.272**	0.3416	0.135	40.1	57.9	129	03/19/2014
Surr: 2-Fluorobiphenyl			**0.173**	0.3416		50.7	45.7	89.2	03/19/2014
Surr: Nitrobenzene-d5			**0.179**	0.3416		52.5	31.4	100	03/19/2014
Surr: p-Terphenyl-d14			**0.243**	0.3416		71.1	53.3	124	03/19/2014

Batch 96974 **SampType: MSD** Units **mg/Kg-dry** RPD Limit **49.7**

SampID: 14030904-005AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.007		**0.236**	0.3425	0	68.9	0.2277	3.51	03/19/2014
Acenaphthylene	0.007		**0.226**	0.3425	0	65.9	0.2216	1.79	03/19/2014
Anthracene	0.007		**0.235**	0.3425	0.01782	63.5	0.2277	3.22	03/19/2014
Benzo(a)anthracene	0.007		**0.296**	0.3425	0.07471	64.6	0.2795	5.72	03/19/2014
Benzo(a)pyrene	0.007		**0.262**	0.3425	0.06922	56.4	0.2563	2.37	03/19/2014
Benzo(b)fluoranthene	0.007		**0.274**	0.3425	0.08087	56.4	0.2754	0.48	03/19/2014
Benzo(g,h,i)perylene	0.007		**0.278**	0.3425	0.05346	65.4	0.2713	2.26	03/19/2014
Benzo(k)fluoranthene	0.007		**0.254**	0.3425	0.0281	66	0.2488	2.17	03/19/2014
Chrysene	0.007	S	**0.266**	0.3425	0.07676	55.2	0.2584	2.87	03/19/2014
Dibenzo(a,h)anthracene	0.007		**0.261**	0.3425	0.01097	73	0.2509	4.00	03/19/2014
Fluoranthene	0.007	S	**0.279**	0.3425	0.1179	47	0.2747	1.50	03/19/2014
Fluorene	0.007		**0.234**	0.3425	0	68.3	0.2202	5.98	03/19/2014
Indeno(1,2,3-cd)pyrene	0.007		**0.271**	0.3425	0.03907	67.6	0.2638	2.56	03/19/2014
Naphthalene	0.007		**0.229**	0.3425	0.006854	64.9	0.2161	5.79	03/19/2014
Phenanthrene	0.007	S	**0.28**	0.3425	0.08225	57.6	0.2632	6.05	03/19/2014
Pyrene	0.007	S	**0.277**	0.3425	0.135	41.4	0.272	1.76	03/19/2014
Surr: 2-Fluorobiphenyl			**0.191**	0.3425		55.9			03/19/2014
Surr: Nitrobenzene-d5			**0.205**	0.3425		59.9			03/19/2014
Surr: p-Terphenyl-d14			**0.249**	0.3425		72.9			03/19/2014

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 97017 **SampType: MBLK** Units **µg/Kg**

SampID: MBLK-F140319A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	1		**ND**						03/19/2014
Ethylbenzene	5		**ND**						03/19/2014
Toluene	5		**ND**						03/19/2014
Xylenes, Total	5		**ND**						03/19/2014
Surr: 1,2-Dichloroethane-d4			**49.8**	50		99.6	72.2	131	03/19/2014
Surr: 4-Bromofluorobenzene			**54.9**	50		109.8	82.1	116	03/19/2014
Surr: Toluene-d8			**52.5**	50		105	86	116	03/19/2014

Batch 97017 **SampType: LCSD** Units **µg/Kg** RPD Limit **40**

SampID: LCSD-F140319A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	1		**49**	50	0	98.1	46.94	4.38	03/19/2014
Ethylbenzene	5		**50.9**	50	0	101.8	49.31	3.21	03/19/2014
Toluene	5		**52.5**	50	0	105	50.56	3.75	03/19/2014
Xylenes, Total	5		**154**	150	0	103	151.2	2.10	03/19/2014
Surr: 1,2-Dichloroethane-d4			**48**	50		96.1			03/19/2014
Surr: 4-Bromofluorobenzene			**53**	50		106			03/19/2014
Surr: Toluene-d8			**54**	50		108.1			03/19/2014

Batch 97017 **SampType: LCS** Units **µg/Kg**

SampID: LCS-F140319A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	1		**46.9**	50	0	93.9	80.8	117	03/19/2014
Ethylbenzene	5		**49.3**	50	0	98.6	84.8	116	03/19/2014
Toluene	5		**50.6**	50	0	101.1	81.3	113	03/19/2014
Xylenes, Total	5		**151**	150	0	100.8	85.3	118	03/19/2014
Surr: 1,2-Dichloroethane-d4			**47.8**	50		95.6	72.2	131	03/19/2014
Surr: 4-Bromofluorobenzene			**52.3**	50		104.7	82.1	116	03/19/2014
Surr: Toluene-d8			**53.3**	50		106.6	86	116	03/19/2014

Batch 97017 **SampType: LCSGD** Units **%REC** RPD Limit **0**

SampID: LCSGD-F140319A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**48.7**	50		97.4			03/19/2014
Surr: 4-Bromofluorobenzene			**53.1**	50		106.3			03/19/2014
Surr: Toluene-d8			**53.2**	50		106.4			03/19/2014

Batch 97017 **SampType: LCSG** Units **%REC**

SampID: LCSG-F140319A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4			**49.1**	50		98.2	72.2	131	03/19/2014
Surr: 4-Bromofluorobenzene			**52.4**	50		104.7	82.1	116	03/19/2014
Surr: Toluene-d8			**52.8**	50		105.6	86	116	03/19/2014

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Environmental Restoration, LLC

Client Project: Former Spotless Carwash

Work Order: 14031020

Report Date: 20-Mar-14

Carrier: Christina Engeman

Received By: SRH

Completed by: Emily Pohlman
On: 19-Mar-14

Reviewed by: Marvin L. Darling II
On: 19-Mar-14

Pages to follow: Chain of custody 1 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 18.6
Type of thermal preservation?	None ☑	Ice ☐	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	NA ☑	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

Any No responses must be detailed below or on the COC.

The sample was out of temperature compliance upon receipt. Client notified via workorder summary. EEP 3/19/14

CHAIN OF CUSTODY

pg. 1 of 1 Work Order # 14031020

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Environmental Restoration
Address: 11666 Fabick Drive
City / State / Zip: St. Louis, MO 63026
Contact: Dennis Wilson Phone: 314-614-6577
E-Mail: DENNIS.WILSON@ERGLC.com Fax: 636-227-6447

Samples on: ☐ Ice ☐ Blue Ice ☒ No Ice 3.6 °C
Preserved in: ☐ Lab ☐ Field
FOR LAB USE ONLY
Lab Notes:
Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Former Spotless Carwash
Sample Collector's Name: Christina Engelmann
Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	PAHs	BTEX
1403039 (01)	East Pit Soil Backfill	3/19/14 1445	X										X			X	X

CHS 3/19/14

Relinquished By	Date / Time	Received By	Date / Time
Christina Engelmann	3/19/14 1639	Stephanie Haynes	3/19/14 16:39

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE – LAB YELLOW – SAMPLER'S COPY

Teklab, Inc.
Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Environmental Restoration, LLC
Work Order: 14030904
Client Project: Spotless Car Wash/BF 7-25
Report Date: 19-Mar-14
Lab ID: 14030904-005
Client Sample ID: Sand/Backfill
Matrix: SOLID
Collection Date: 03/18/2014 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550C, 5035A, ASTM D2974								
Percent Moisture		0.1		**2.7**	%	1	03/18/2014 17:10	R188344
SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.007		**ND**	mg/Kg-dry	1	03/19/2014 10:08	96974
Acenaphthylene	NELAP	0.007		**ND**	mg/Kg-dry	1	03/19/2014 10:08	96974
Anthracene	NELAP	0.007		**0.018**	mg/Kg-dry	1	03/19/2014 10:08	96974
Benzo(a)anthracene	NELAP	0.007		**0.075**	mg/Kg-dry	1	03/19/2014 10:08	96974
Benzo(a)pyrene	NELAP	0.007		**0.069**	mg/Kg-dry	1	03/19/2014 10:08	96974
Benzo(b)fluoranthene	NELAP	0.007		**0.081**	mg/Kg-dry	1	03/19/2014 10:08	96974
Benzo(g,h,i)perylene	NELAP	0.007		**0.053**	mg/Kg-dry	1	03/19/2014 10:08	96974
Benzo(k)fluoranthene	NELAP	0.007		**0.028**	mg/Kg-dry	1	03/19/2014 10:08	96974
Chrysene	NELAP	0.007	S	**0.077**	mg/Kg-dry	1	03/19/2014 10:08	96974
Dibenzo(a,h)anthracene	NELAP	0.007		**0.011**	mg/Kg-dry	1	03/19/2014 10:08	96974
Fluoranthene	NELAP	0.007	S	**0.118**	mg/Kg-dry	1	03/19/2014 10:08	96974
Fluorene	NELAP	0.007		**ND**	mg/Kg-dry	1	03/19/2014 10:08	96974
Indeno(1,2,3-cd)pyrene	NELAP	0.007		**0.039**	mg/Kg-dry	1	03/19/2014 10:08	96974
Naphthalene	NELAP	0.007	J	**0.007**	mg/Kg-dry	1	03/19/2014 10:08	96974
Phenanthrene	NELAP	0.007	S	**0.082**	mg/Kg-dry	1	03/19/2014 10:08	96974
Pyrene	NELAP	0.007	S	**0.135**	mg/Kg-dry	1	03/19/2014 10:08	96974
Surr: 2-Fluorobiphenyl		35.7-88.4		**58.1**	%REC	1	03/19/2014 10:08	96974
Surr: Nitrobenzene-d5		26.3-87.6		**61.1**	%REC	1	03/19/2014 10:08	96974
Surr: p-Terphenyl-d14		51-107		**73.7**	%REC	1	03/19/2014 10:08	96974
MS and/or MSD did not recover within control limits due to matrix interference.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	1		**ND**	µg/Kg-dry	1	03/19/2014 0:57	96981
Ethylbenzene	NELAP	4.9		**ND**	µg/Kg-dry	1	03/19/2014 0:57	96981
Toluene	NELAP	4.9	J	**1.1**	µg/Kg-dry	1	03/19/2014 0:57	96981
Xylenes, Total	NELAP	4.9	J	**1.3**	µg/Kg-dry	1	03/19/2014 0:57	96981
Surr: 1,2-Dichloroethane-d4		72.2-131		**100.6**	%REC	1	03/19/2014 0:57	96981
Surr: 4-Bromofluorobenzene		82.1-116		**115.7**	%REC	1	03/19/2014 0:57	96981
Surr: Dibromofluoromethane		77.7-120		**98**	%REC	1	03/19/2014 0:57	96981
Surr: Toluene-d8		86-116		**106.2**	%REC	1	03/19/2014 0:57	96981

CHAIN OF CUSTODY

pg. 1 of 1 Work Order # 1403904

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: Environmental Restoration
Address: 1666 Fabick Dr.
City / State / Zip: Fenton, MO 63026
Contact: Dennis Wilson Phone: 314-614-6577
E-Mail: dennis.wilson@erllc.com Fax: 636-680-20567

Samples on: ☐ Ice ☐ Blue Ice ☒ No Ice 18.6 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments: Composite Samples 01, 02, 03 Together
OK to Run out of Temp. per Dennis
SH 3/18/14

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☒ No
- Are these samples known to be hazardous? ☐ Yes ☒ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☒ No

Project Name / Number: Spotless Carwash / BF7-25
Sample Collector's Name: Dennis Wilson

Results Requested: ☐ Standard ☒ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions: ER

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	Water	Drinking Water	Soil	Sludge	Sp. Waste	PCB's	TCLP Benzene	Flash	BTEX	PAH's	TCLP (Lead)
1403904-01	West Tank 01	3/18/14 3:30	X								✓							✓	✓		
-02	West Tank 02	3/18/14 3:35	X								✓							✓	✓		
-03	West Tank 03	3/18/14 3:40	X								✓							✓	✓		
-04	West Tan 04	3/18/14 3:45	X								✓					✓	✓	✓	✓		
-05	Sand/Backfill	3/18/14 3:50	X										✓						✓	✓	
-06	Composite	3/18/14																			

Relinquished By	Date / Time	Received By	Date / Time
Dennis Wilson	3/18/14 4:30	Stephanie Hayes	3/18/14 4:30

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE – LAB YELLOW – SAMPLER'S COPY

ALS Environmental

03-Apr-2014

Christina Engermann
Tetra Tech
415 Oak Street
Kansas City, MO 64106

Re: **Spotless Car Wash March 2014** Work Order: **14031107**

Dear Christina,

ALS Environmental received 19 samples on 25-Mar-2014 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 103.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Ann Preston

Electronically approved by: Ann Preston

Ann Preston
Project Manager

NELAP ACCREDITED TNI LABORATORY

Certificate No: MN 532786

Report of Laboratory Analysis

ALS Group USA, Corp

Date: 03-Apr-14

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Work Order: **14031107**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
14031107-01	Tank 5 Floor	Soil		3/20/2014 11:28	3/25/2014 10:00	☐
14031107-02	Tank 6 Floor	Soil		3/20/2014 11:42	3/25/2014 10:00	☐
14031107-03	Tank 8 Floor	Soil		3/20/2014 13:35	3/25/2014 10:00	☐
14031107-04	Tank 7 Floor	Soil		3/20/2014 13:50	3/25/2014 10:00	☐
14031107-05	Tank 6-7 North Wall	Soil		3/20/2014 14:05	3/25/2014 10:00	☐
14031107-06	Tank 4 Floor	Soil		3/21/2014 08:18	3/25/2014 10:00	☐
14031107-07	Tank 3 Floor	Soil		3/21/2014 08:44	3/25/2014 10:00	☐
14031107-08	Tank 2 Floor	Soil		3/21/2014 08:53	3/25/2014 10:00	☐
14031107-09	Tank 1 Floor	Soil		3/21/2014 09:05	3/25/2014 10:00	☐
14031107-10	West Tank Pit Wall	Soil		3/21/2014 09:20	3/25/2014 10:00	☐
14031107-11	SB-1 (14-16)	Soil		3/24/2014 13:04	3/25/2014 10:00	☐
14031107-12	SB-2 (4-6)	Soil		3/24/2014 13:29	3/25/2014 10:00	☐
14031107-13	SB-3 (14-16)	Soil		3/24/2014 14:03	3/25/2014 10:00	☐
14031107-14	SB-4 (3-4)	Soil		3/24/2014 14:32	3/25/2014 10:00	☐
14031107-15	SB-5 (3-4)	Soil		3/24/2014 14:41	3/25/2014 10:00	☐
14031107-16	SB-6 (1-3)	Soil		3/24/2014 14:49	3/25/2014 10:00	☐
14031107-17	SB-7 (4-5)	Soil		3/24/2014 15:34	3/25/2014 10:00	☐
14031107-18	SB-8 (14-16)	Soil		3/24/2014 16:03	3/25/2014 10:00	☐
14031107-19	Trip Blank	Soil		3/24/2014	3/25/2014 10:00	☐

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Work Order: 14031107

Case Narrative

Samples for the above noted Work Order were received on 03/25/2014. The attached "Sample Receipt Checklist" documents the status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting.

With the following exceptions, all sample analyses achieved analytical criteria.

Volatile Organics:
Batch 56907 sample SB-7 (4-5) MS/MSD recoveries for Dibromochloromethane were below the control limit. The corresponding reporting limit in the parent sample may be biased low. The RPD between the MS/MSD recoveries for Bromomethane was above control limits. The individual MS/MSD recoveries met quality control criteria. No data requires qualification.

Batch R137748 LCS recovery for 4-Methyl-2-pentanone was outside of the upper control limit. All samples in this quality control batch were ND. No qualification is necessary for 4-Methyl-2-Pentanone. The MS/MSD data for Volatiles is not related to this project's samples. No data requires qualification.

Batch R137906 LCS recovery for MTBE was outside of the upper control limit. All samples in this quality control batch were ND. No qualification is necessary for MTBE.

All samples run with TSP preservative had a low surrogate recovery for Dibromofluoromethane which was caused by interference with the preservation. No data requires qualification.

Batch R138030 MS/MSD data for Volatiles is not related to this project's samples. No data requires qualification.

Extractable Organics :
No deviations or anomalies noted.

Metals:

No other deviations or anomalies were noted.

Wet Chemistry:
No deviations or anomalies noted.

ALS Group USA, Corp

Date: 03-Apr-14

Client: Tetra Tech
Project: Spotless Car Wash March 2014
WorkOrder: 14031107

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
% of sample	Percent of Sample
µg/Kg	Micrograms per Kilogram
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 5 Floor
Collection Date: 3/20/2014 11:28 AM

Work Order: 14031107
Lab ID: 14031107-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**8.1**		**0.0017**	**0.43**	**mg/Kg-dry**	1	3/30/2014 07:05
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.5	mg/Kg-dry	1	3/31/2014 23:00
ORO (C21-C35)	U		1.7	3.5	mg/Kg-dry	1	3/31/2014 23:00
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	3/31/2014 23:00
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.0	µg/Kg-dry	1	3/31/2014 23:00
2-Methylnaphthalene	U		3.3	8.0	µg/Kg-dry	1	3/31/2014 23:00
Acenaphthene	U		1.2	8.0	µg/Kg-dry	1	3/31/2014 23:00
Acenaphthylene	U		1.5	8.0	µg/Kg-dry	1	3/31/2014 23:00
Anthracene	U		1.6	8.0	µg/Kg-dry	1	3/31/2014 23:00
Benzo(a)anthracene	U		1.6	8.0	µg/Kg-dry	1	3/31/2014 23:00
Benzo(a)pyrene	U		2.6	8.0	µg/Kg-dry	1	3/31/2014 23:00
Benzo(b)fluoranthene	U		2.4	8.0	µg/Kg-dry	1	3/31/2014 23:00
Benzo(g,h,i)perylene	U		3.2	8.0	µg/Kg-dry	1	3/31/2014 23:00
Benzo(k)fluoranthene	U		1.7	8.0	µg/Kg-dry	1	3/31/2014 23:00
Chrysene	U		1.9	8.0	µg/Kg-dry	1	3/31/2014 23:00
Dibenzo(a,h)anthracene	U		3.0	8.0	µg/Kg-dry	1	3/31/2014 23:00
Fluoranthene	U		2.8	8.0	µg/Kg-dry	1	3/31/2014 23:00
Fluorene	U		2.7	8.0	µg/Kg-dry	1	3/31/2014 23:00
Indeno(1,2,3-cd)pyrene	U		2.7	8.0	µg/Kg-dry	1	3/31/2014 23:00
Naphthalene	U		3.0	8.0	µg/Kg-dry	1	3/31/2014 23:00
Phenanthrene	U		1.6	8.0	µg/Kg-dry	1	3/31/2014 23:00
Pyrene	U		2.7	8.0	µg/Kg-dry	1	3/31/2014 23:00
Surr: 2-Fluorobiphenyl	*89.1*			*12-100*	*%REC*	1	3/31/2014 23:00
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	3/31/2014 23:00
Surr: Nitrobenzene-d5	*86.0*			*37-107*	*%REC*	1	3/31/2014 23:00
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,000	µg/Kg-dry	1	3/26/2014 14:58
Surr: Toluene-d8	*96.2*			*70-130*	*%REC*	1	3/26/2014 14:58
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.24	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,1,2,2-Tetrachloroethane	U		0.16	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,1,2-Trichloroethane	U		0.21	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,1,2-Trichlorotrifluoroethane	U		0.31	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,1-Dichloroethane	U		0.28	5.6	µg/Kg-dry	0.916	3/26/2014 15:47

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 5 Floor
Collection Date: 3/20/2014 11:28 AM

Work Order: 14031107
Lab ID: 14031107-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.25	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2,4-Trichlorobenzene	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2-Dibromo-3-chloropropane	U		0.22	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2-Dibromoethane	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2-Dichlorobenzene	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2-Dichloroethane	U		0.31	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,2-Dichloropropane	U		0.29	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,3-Dichlorobenzene	U		0.21	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
1,4-Dichlorobenzene	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
2-Butanone	U		0.86	11	µg/Kg-dry	0.916	3/26/2014 15:47
2-Hexanone	U		0.33	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
4-Methyl-2-pentanone	U		0.22	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Acetone	**24**		**1.0**	**11**	**µg/Kg-dry**	0.916	3/26/2014 15:47
Benzene	U		0.28	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Bromodichloromethane	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Bromoform	U		0.17	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Bromomethane	U		0.39	11	µg/Kg-dry	0.916	3/26/2014 15:47
Carbon disulfide	U		0.41	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Carbon tetrachloride	U		0.23	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Chlorobenzene	U		0.25	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Chloroethane	U		0.63	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Chloroform	U		0.29	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Chloromethane	U		0.34	11	µg/Kg-dry	0.916	3/26/2014 15:47
cis-1,2-Dichloroethene	U		0.33	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
cis-1,3-Dichloropropene	U		0.20	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Cyclohexane	U		0.36	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Dibromochloromethane	U		0.19	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Dichlorodifluoromethane	U		0.37	11	µg/Kg-dry	0.916	3/26/2014 15:47
Ethylbenzene	U		0.21	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Isopropylbenzene	U		0.21	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
m,p-Xylene	U		0.42	2.8	µg/Kg-dry	0.916	3/26/2014 15:47
Methyl acetate	U		0.90	11	µg/Kg-dry	0.916	3/26/2014 15:47
Methyl tert-butyl ether	U		0.28	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Methylcyclohexane	U		0.31	11	µg/Kg-dry	0.916	3/26/2014 15:47
Methylene chloride	**1.7**	J	**0.32**	**5.6**	**µg/Kg-dry**	0.916	3/26/2014 15:47
o-Xylene	U		0.22	2.8	µg/Kg-dry	0.916	3/26/2014 15:47
Styrene	U		0.20	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Tetrachloroethene	U		0.33	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Toluene	**0.42**	J	**0.26**	**5.6**	**µg/Kg-dry**	0.916	3/26/2014 15:47
trans-1,2-Dichloroethene	U		0.33	5.6	µg/Kg-dry	0.916	3/26/2014 15:47

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 5 Floor
Collection Date: 3/20/2014 11:28 AM

Work Order: 14031107
Lab ID: 14031107-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.21	11	µg/Kg-dry	0.916	3/26/2014 15:47
Trichloroethene	U		0.26	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Trichlorofluoromethane	U		1.3	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Vinyl chloride	U		0.34	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Xylenes, Total	U		0.64	5.6	µg/Kg-dry	0.916	3/26/2014 15:47
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.916	3/26/2014 15:47
Surr: 4-Bromofluorobenzene	*96.6*			*75-120*	*%REC*	0.916	3/26/2014 15:47
Surr: Dibromofluoromethane	*27.6*	S		*85-115*	*%REC*	0.916	3/26/2014 15:47
Surr: Toluene-d8	*95.2*			*85-120*	*%REC*	0.916	3/26/2014 15:47
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**18**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6 Floor
Collection Date: 3/20/2014 11:42 AM

Work Order: 14031107
Lab ID: 14031107-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**8.3**		**0.0016**	**0.41**	**mg/Kg-dry**	1	3/30/2014 07:11
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.6	3.6	mg/Kg-dry	1	3/31/2014 23:25
ORO (C21-C35)	U		1.7	3.6	mg/Kg-dry	1	3/31/2014 23:25
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	3/31/2014 23:25
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.3	µg/Kg-dry	1	3/31/2014 23:25
2-Methylnaphthalene	U		3.4	8.3	µg/Kg-dry	1	3/31/2014 23:25
Acenaphthene	U		1.2	8.3	µg/Kg-dry	1	3/31/2014 23:25
Acenaphthylene	U		1.5	8.3	µg/Kg-dry	1	3/31/2014 23:25
Anthracene	U		1.6	8.3	µg/Kg-dry	1	3/31/2014 23:25
Benzo(a)anthracene	U		1.6	8.3	µg/Kg-dry	1	3/31/2014 23:25
Benzo(a)pyrene	U		2.7	8.3	µg/Kg-dry	1	3/31/2014 23:25
Benzo(b)fluoranthene	U		2.4	8.3	µg/Kg-dry	1	3/31/2014 23:25
Benzo(g,h,i)perylene	U		3.2	8.3	µg/Kg-dry	1	3/31/2014 23:25
Benzo(k)fluoranthene	U		1.7	8.3	µg/Kg-dry	1	3/31/2014 23:25
Chrysene	U		2.0	8.3	µg/Kg-dry	1	3/31/2014 23:25
Dibenzo(a,h)anthracene	U		3.1	8.3	µg/Kg-dry	1	3/31/2014 23:25
Fluoranthene	U		2.9	8.3	µg/Kg-dry	1	3/31/2014 23:25
Fluorene	U		2.8	8.3	µg/Kg-dry	1	3/31/2014 23:25
Indeno(1,2,3-cd)pyrene	U		2.8	8.3	µg/Kg-dry	1	3/31/2014 23:25
Naphthalene	U		3.0	8.3	µg/Kg-dry	1	3/31/2014 23:25
Phenanthrene	U		1.7	8.3	µg/Kg-dry	1	3/31/2014 23:25
Pyrene	U		2.8	8.3	µg/Kg-dry	1	3/31/2014 23:25
Surr: 2-Fluorobiphenyl	*86.6*			*12-100*	*%REC*	1	3/31/2014 23:25
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	3/31/2014 23:25
Surr: Nitrobenzene-d5	*84.7*			*37-107*	*%REC*	1	3/31/2014 23:25
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,600	3,100	µg/Kg-dry	1	3/26/2014 15:25
Surr: Toluene-d8	*96.0*			*70-130*	*%REC*	1	3/26/2014 15:25
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.25	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,1,2,2-Tetrachloroethane	U		0.16	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,1,2-Trichloroethane	U		0.22	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,1,2-Trichlorotrifluoroethane	U		0.31	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,1-Dichloroethane	U		0.29	5.7	µg/Kg-dry	0.907	3/26/2014 16:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6 Floor
Collection Date: 3/20/2014 11:42 AM

Work Order: 14031107
Lab ID: 14031107-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.26	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2,4-Trichlorobenzene	U		0.23	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2-Dibromo-3-chloropropane	U		0.22	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2-Dibromoethane	U		0.23	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2-Dichlorobenzene	U		0.23	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2-Dichloroethane	U		0.31	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,2-Dichloropropane	U		0.29	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,3-Dichlorobenzene	U		0.21	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
1,4-Dichlorobenzene	U		0.24	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
2-Butanone	**4.2**	J	**0.87**	**11**	**µg/Kg-dry**	0.907	3/26/2014 16:14
2-Hexanone	U		0.34	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
4-Methyl-2-pentanone	U		0.22	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Acetone	**33**		**1.1**	**11**	**µg/Kg-dry**	0.907	3/26/2014 16:14
Benzene	U		0.28	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Bromodichloromethane	U		0.23	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Bromoform	U		0.17	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Bromomethane	U		0.40	11	µg/Kg-dry	0.907	3/26/2014 16:14
Carbon disulfide	U		0.42	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Carbon tetrachloride	U		0.23	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Chlorobenzene	U		0.25	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Chloroethane	U		0.64	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Chloroform	U		0.30	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Chloromethane	U		0.35	11	µg/Kg-dry	0.907	3/26/2014 16:14
cis-1,2-Dichloroethene	U		0.34	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
cis-1,3-Dichloropropene	U		0.20	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Cyclohexane	U		0.36	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Dibromochloromethane	U		0.19	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Dichlorodifluoromethane	U		0.38	11	µg/Kg-dry	0.907	3/26/2014 16:14
Ethylbenzene	U		0.22	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Isopropylbenzene	U		0.22	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
m,p-Xylene	U		0.43	2.8	µg/Kg-dry	0.907	3/26/2014 16:14
Methyl acetate	U		0.91	11	µg/Kg-dry	0.907	3/26/2014 16:14
Methyl tert-butyl ether	U		0.29	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Methylcyclohexane	U		0.31	11	µg/Kg-dry	0.907	3/26/2014 16:14
Methylene chloride	**1.9**	J	**0.32**	**5.7**	**µg/Kg-dry**	0.907	3/26/2014 16:14
o-Xylene	U		0.23	2.8	µg/Kg-dry	0.907	3/26/2014 16:14
Styrene	U		0.21	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Tetrachloroethene	U		0.34	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Toluene	**0.42**	J	**0.27**	**5.7**	**µg/Kg-dry**	0.907	3/26/2014 16:14
trans-1,2-Dichloroethene	U		0.33	5.7	µg/Kg-dry	0.907	3/26/2014 16:14

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6 Floor
Collection Date: 3/20/2014 11:42 AM

Work Order: 14031107
Lab ID: 14031107-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.21	11	µg/Kg-dry	0.907	3/26/2014 16:14
Trichloroethene	U		0.26	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Trichlorofluoromethane	U		1.3	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Vinyl chloride	U		0.35	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Xylenes, Total	U		0.65	5.7	µg/Kg-dry	0.907	3/26/2014 16:14
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.907	3/26/2014 16:14
Surr: 4-Bromofluorobenzene	*98.1*			*75-120*	*%REC*	0.907	3/26/2014 16:14
Surr: Dibromofluoromethane	*17.6*	S		*85-115*	*%REC*	0.907	3/26/2014 16:14
Surr: Toluene-d8	*96.2*			*85-120*	*%REC*	0.907	3/26/2014 16:14
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**20**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 8 Floor
Collection Date: 3/20/2014 01:35 PM

Work Order: 14031107
Lab ID: 14031107-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**9.1**		**0.0019**	**0.48**	**mg/Kg-dry**	1	3/30/2014 07:17
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.5	mg/Kg-dry	1	3/31/2014 23:50
ORO (C21-C35)	U		1.7	3.5	mg/Kg-dry	1	3/31/2014 23:50
Surr: 4-Terphenyl-d14	*117*			*25-137*	*%REC*	1	3/31/2014 23:50
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.1	µg/Kg-dry	1	3/31/2014 23:50
2-Methylnaphthalene	U		3.4	8.1	µg/Kg-dry	1	3/31/2014 23:50
Acenaphthene	U		1.2	8.1	µg/Kg-dry	1	3/31/2014 23:50
Acenaphthylene	U		1.5	8.1	µg/Kg-dry	1	3/31/2014 23:50
Anthracene	U		1.6	8.1	µg/Kg-dry	1	3/31/2014 23:50
Benzo(a)anthracene	U		1.6	8.1	µg/Kg-dry	1	3/31/2014 23:50
Benzo(a)pyrene	U		2.6	8.1	µg/Kg-dry	1	3/31/2014 23:50
Benzo(b)fluoranthene	U		2.4	8.1	µg/Kg-dry	1	3/31/2014 23:50
Benzo(g,h,i)perylene	U		3.2	8.1	µg/Kg-dry	1	3/31/2014 23:50
Benzo(k)fluoranthene	U		1.7	8.1	µg/Kg-dry	1	3/31/2014 23:50
Chrysene	U		1.9	8.1	µg/Kg-dry	1	3/31/2014 23:50
Dibenzo(a,h)anthracene	U		3.0	8.1	µg/Kg-dry	1	3/31/2014 23:50
Fluoranthene	U		2.8	8.1	µg/Kg-dry	1	3/31/2014 23:50
Fluorene	U		2.7	8.1	µg/Kg-dry	1	3/31/2014 23:50
Indeno(1,2,3-cd)pyrene	U		2.7	8.1	µg/Kg-dry	1	3/31/2014 23:50
Naphthalene	U		3.0	8.1	µg/Kg-dry	1	3/31/2014 23:50
Phenanthrene	U		1.6	8.1	µg/Kg-dry	1	3/31/2014 23:50
Pyrene	U		2.7	8.1	µg/Kg-dry	1	3/31/2014 23:50
Surr: 2-Fluorobiphenyl	*81.2*			*12-100*	*%REC*	1	3/31/2014 23:50
Surr: 4-Terphenyl-d14	*117*			*25-137*	*%REC*	1	3/31/2014 23:50
Surr: Nitrobenzene-d5	*77.3*			*37-107*	*%REC*	1	3/31/2014 23:50
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,600	3,200	µg/Kg-dry	1	3/26/2014 15:52
Surr: Toluene-d8	*95.4*			*70-130*	*%REC*	1	3/26/2014 15:52
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **AK**
1,1,1-Trichloroethane	U		0.25	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,1,2,2-Tetrachloroethane	U		0.16	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,1,2-Trichloroethane	U		0.22	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,1,2-Trichlorotrifluoroethane	U		0.31	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,1-Dichloroethane	U		0.29	5.6	µg/Kg-dry	0.904	3/26/2014 16:40

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 8 Floor
Collection Date: 3/20/2014 01:35 PM

Work Order: 14031107
Lab ID: 14031107-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.25	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2,4-Trichlorobenzene	U		0.23	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2-Dibromo-3-chloropropane	U		0.22	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2-Dibromoethane	U		0.23	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2-Dichlorobenzene	U		0.23	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2-Dichloroethane	U		0.31	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,2-Dichloropropane	U		0.29	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,3-Dichlorobenzene	U		0.21	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
1,4-Dichlorobenzene	U		0.24	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
2-Butanone	**3.8**	J	**0.86**	**11**	**µg/Kg-dry**	0.904	3/26/2014 16:40
2-Hexanone	U		0.34	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
4-Methyl-2-pentanone	U		0.22	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Acetone	**35**		**1.1**	**11**	**µg/Kg-dry**	0.904	3/26/2014 16:40
Benzene	U		0.28	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Bromodichloromethane	U		0.23	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Bromoform	U		0.17	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Bromomethane	U		0.39	11	µg/Kg-dry	0.904	3/26/2014 16:40
Carbon disulfide	U		0.41	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Carbon tetrachloride	U		0.23	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Chlorobenzene	U		0.25	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Chloroethane	U		0.63	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Chloroform	U		0.29	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Chloromethane	U		0.34	11	µg/Kg-dry	0.904	3/26/2014 16:40
cis-1,2-Dichloroethene	U		0.33	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
cis-1,3-Dichloropropene	U		0.20	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Cyclohexane	U		0.36	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Dibromochloromethane	U		0.19	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Dichlorodifluoromethane	U		0.37	11	µg/Kg-dry	0.904	3/26/2014 16:40
Ethylbenzene	U		0.22	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Isopropylbenzene	U		0.22	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
m,p-Xylene	U		0.42	2.8	µg/Kg-dry	0.904	3/26/2014 16:40
Methyl acetate	U		0.90	11	µg/Kg-dry	0.904	3/26/2014 16:40
Methyl tert-butyl ether	U		0.28	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Methylcyclohexane	U		0.31	11	µg/Kg-dry	0.904	3/26/2014 16:40
Methylene chloride	**2.2**	J	**0.32**	**5.6**	**µg/Kg-dry**	0.904	3/26/2014 16:40
o-Xylene	U		0.22	2.8	µg/Kg-dry	0.904	3/26/2014 16:40
Styrene	U		0.20	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Tetrachloroethene	U		0.34	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Toluene	**0.52**	J	**0.26**	**5.6**	**µg/Kg-dry**	0.904	3/26/2014 16:40
trans-1,2-Dichloroethene	U		0.33	5.6	µg/Kg-dry	0.904	3/26/2014 16:40

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 8 Floor
Collection Date: 3/20/2014 01:35 PM

Work Order: 14031107
Lab ID: 14031107-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.21	11	µg/Kg-dry	0.904	3/26/2014 16:40
Trichloroethene	U		0.26	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Trichlorofluoromethane	U		1.3	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Vinyl chloride	U		0.34	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Xylenes, Total	U		0.65	5.6	µg/Kg-dry	0.904	3/26/2014 16:40
Surr: 1,2-Dichloroethane-d4	*114*			*70-120*	*%REC*	0.904	3/26/2014 16:40
Surr: 4-Bromofluorobenzene	*98.7*			*75-120*	*%REC*	0.904	3/26/2014 16:40
Surr: Dibromofluoromethane	*23.8*	S		*85-115*	*%REC*	0.904	3/26/2014 16:40
Surr: Toluene-d8	*97.6*			*85-120*	*%REC*	0.904	3/26/2014 16:40
MOISTURE			Method: **A2540 G**				Analyst: **AT**
Moisture	**19**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 7 Floor
Collection Date: 3/20/2014 01:50 PM

Work Order: 14031107
Lab ID: 14031107-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**7.8**		**0.0020**	**0.49**	**mg/Kg-dry**	1	3/30/2014 07:23
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.5	mg/Kg-dry	1	4/1/2014 00:15
ORO (C21-C35)	U		1.7	3.5	mg/Kg-dry	1	4/1/2014 00:15
Surr: 4-Terphenyl-d14	*126*			*25-137*	*%REC*	1	4/1/2014 00:15
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.1	µg/Kg-dry	1	4/1/2014 00:15
2-Methylnaphthalene	U		3.4	8.1	µg/Kg-dry	1	4/1/2014 00:15
Acenaphthene	U		1.2	8.1	µg/Kg-dry	1	4/1/2014 00:15
Acenaphthylene	U		1.5	8.1	µg/Kg-dry	1	4/1/2014 00:15
Anthracene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 00:15
Benzo(a)anthracene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 00:15
Benzo(a)pyrene	U		2.6	8.1	µg/Kg-dry	1	4/1/2014 00:15
Benzo(b)fluoranthene	U		2.4	8.1	µg/Kg-dry	1	4/1/2014 00:15
Benzo(g,h,i)perylene	U		3.2	8.1	µg/Kg-dry	1	4/1/2014 00:15
Benzo(k)fluoranthene	U		1.7	8.1	µg/Kg-dry	1	4/1/2014 00:15
Chrysene	U		1.9	8.1	µg/Kg-dry	1	4/1/2014 00:15
Dibenzo(a,h)anthracene	U		3.0	8.1	µg/Kg-dry	1	4/1/2014 00:15
Fluoranthene	U		2.8	8.1	µg/Kg-dry	1	4/1/2014 00:15
Fluorene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 00:15
Indeno(1,2,3-cd)pyrene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 00:15
Naphthalene	U		3.0	8.1	µg/Kg-dry	1	4/1/2014 00:15
Phenanthrene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 00:15
Pyrene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 00:15
Surr: 2-Fluorobiphenyl	*86.8*			*12-100*	*%REC*	1	4/1/2014 00:15
Surr: 4-Terphenyl-d14	*126*			*25-137*	*%REC*	1	4/1/2014 00:15
Surr: Nitrobenzene-d5	*84.9*			*37-107*	*%REC*	1	4/1/2014 00:15
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,100	µg/Kg-dry	1	3/26/2014 16:18
Surr: Toluene-d8	*94.4*			*70-130*	*%REC*	1	3/26/2014 16:18
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **AK**
1,1,1-Trichloroethane	U		0.23	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,1,2,2-Tetrachloroethane	U		0.15	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,1,2-Trichloroethane	U		0.20	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,1,2-Trichlorotrifluoroethane	U		0.29	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,1-Dichloroethane	U		0.27	5.3	µg/Kg-dry	0.864	3/26/2014 17:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 7 Floor
Collection Date: 3/20/2014 01:50 PM

Work Order: 14031107
Lab ID: 14031107-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.24	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2,4-Trichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2-Dibromo-3-chloropropane	U		0.21	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2-Dibromoethane	U		0.21	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2-Dichlorobenzene	U		0.21	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2-Dichloroethane	U		0.29	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,2-Dichloropropane	U		0.27	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,3-Dichlorobenzene	U		0.20	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
1,4-Dichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
2-Butanone	**2.6**	J	**0.81**	**11**	**µg/Kg-dry**	0.864	3/26/2014 17:06
2-Hexanone	U		0.32	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
4-Methyl-2-pentanone	U		0.21	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Acetone	**20**		**0.99**	**11**	**µg/Kg-dry**	0.864	3/26/2014 17:06
Benzene	U		0.26	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Bromodichloromethane	U		0.22	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Bromoform	U		0.16	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Bromomethane	U		0.37	11	µg/Kg-dry	0.864	3/26/2014 17:06
Carbon disulfide	U		0.39	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Carbon tetrachloride	U		0.21	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Chlorobenzene	U		0.23	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Chloroethane	U		0.59	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Chloroform	U		0.28	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Chloromethane	U		0.32	11	µg/Kg-dry	0.864	3/26/2014 17:06
cis-1,2-Dichloroethene	U		0.31	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
cis-1,3-Dichloropropene	U		0.19	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Cyclohexane	U		0.34	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Dibromochloromethane	U		0.18	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Dichlorodifluoromethane	U		0.35	11	µg/Kg-dry	0.864	3/26/2014 17:06
Ethylbenzene	U		0.20	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Isopropylbenzene	U		0.20	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
m,p-Xylene	U		0.40	2.6	µg/Kg-dry	0.864	3/26/2014 17:06
Methyl acetate	U		0.85	11	µg/Kg-dry	0.864	3/26/2014 17:06
Methyl tert-butyl ether	U		0.27	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Methylcyclohexane	U		0.29	11	µg/Kg-dry	0.864	3/26/2014 17:06
Methylene chloride	**1.9**	J	**0.30**	**5.3**	**µg/Kg-dry**	0.864	3/26/2014 17:06
o-Xylene	U		0.21	2.6	µg/Kg-dry	0.864	3/26/2014 17:06
Styrene	U		0.19	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Tetrachloroethene	U		0.32	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Toluene	**0.70**	J	**0.25**	**5.3**	**µg/Kg-dry**	0.864	3/26/2014 17:06
trans-1,2-Dichloroethene	U		0.31	5.3	µg/Kg-dry	0.864	3/26/2014 17:06

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 7 Floor
Collection Date: 3/20/2014 01:50 PM

Work Order: 14031107
Lab ID: 14031107-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.20	11	µg/Kg-dry	0.864	3/26/2014 17:06
Trichloroethene	U		0.25	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Trichlorofluoromethane	U		1.2	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Vinyl chloride	U		0.32	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Xylenes, Total	U		0.61	5.3	µg/Kg-dry	0.864	3/26/2014 17:06
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.864	3/26/2014 17:06
Surr: 4-Bromofluorobenzene	*98.0*			*75-120*	*%REC*	0.864	3/26/2014 17:06
Surr: Dibromofluoromethane	*19.2*	S		*85-115*	*%REC*	0.864	3/26/2014 17:06
Surr: Toluene-d8	*95.4*			*85-120*	*%REC*	0.864	3/26/2014 17:06
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**18**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6-7 North Wall
Collection Date: 3/20/2014 02:05 PM

Work Order: 14031107
Lab ID: 14031107-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**9.5**		**0.0016**	**0.41**	**mg/Kg-dry**	1	3/30/2014 07:29
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**11**		**1.5**	**3.5**	**mg/Kg-dry**	1	4/1/2014 00:40
ORO (C21-C35)	**27**		**1.7**	**3.5**	**mg/Kg-dry**	1	4/1/2014 00:40
Surr: 4-Terphenyl-d14	*127*			*25-137*	*%REC*	1	4/1/2014 00:40
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	7.9	µg/Kg-dry	1	4/1/2014 00:40
2-Methylnaphthalene	U		3.3	7.9	µg/Kg-dry	1	4/1/2014 00:40
Acenaphthene	U		1.2	7.9	µg/Kg-dry	1	4/1/2014 00:40
Acenaphthylene	U		1.4	7.9	µg/Kg-dry	1	4/1/2014 00:40
Anthracene	**21**		**1.6**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Benzo(a)anthracene	**97**		**1.6**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Benzo(a)pyrene	**130**		**2.6**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Benzo(b)fluoranthene	**160**		**2.3**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Benzo(g,h,i)perylene	**92**		**3.1**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Benzo(k)fluoranthene	**76**		**1.7**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Chrysene	**110**		**1.9**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Dibenzo(a,h)anthracene	**21**		**3.0**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Fluoranthene	**200**		**2.8**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Fluorene	U		2.7	7.9	µg/Kg-dry	1	4/1/2014 00:40
Indeno(1,2,3-cd)pyrene	**120**		**2.6**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Naphthalene	U		2.9	7.9	µg/Kg-dry	1	4/1/2014 00:40
Phenanthrene	**100**		**1.6**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Pyrene	**230**		**2.7**	**7.9**	**µg/Kg-dry**	1	4/1/2014 00:40
Surr: 2-Fluorobiphenyl	*80.1*			*12-100*	*%REC*	1	4/1/2014 00:40
Surr: 4-Terphenyl-d14	*127*			*25-137*	*%REC*	1	4/1/2014 00:40
Surr: Nitrobenzene-d5	*80.0*			*37-107*	*%REC*	1	4/1/2014 00:40
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,100	µg/Kg-dry	1	3/26/2014 16:44
Surr: Toluene-d8	*97.2*			*70-130*	*%REC*	1	3/26/2014 16:44
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.24	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,1,2,2-Tetrachloroethane	U		0.16	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,1,2-Trichloroethane	U		0.21	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,1,2-Trichlorotrifluoroethane	U		0.31	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,1-Dichloroethane	U		0.28	5.5	µg/Kg-dry	0.896	3/28/2014 11:25

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6-7 North Wall
Collection Date: 3/20/2014 02:05 PM

Work Order: 14031107
Lab ID: 14031107-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.25	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2,4-Trichlorobenzene	U		0.23	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2-Dibromo-3-chloropropane	U		0.22	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2-Dibromoethane	U		0.22	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2-Dichlorobenzene	U		0.22	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2-Dichloroethane	U		0.30	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,2-Dichloropropane	U		0.29	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,3-Dichlorobenzene	U		0.21	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
1,4-Dichlorobenzene	U		0.23	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
2-Butanone	**3.7**	J	**0.85**	**11**	**µg/Kg-dry**	0.896	3/28/2014 11:25
2-Hexanone	U		0.33	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
4-Methyl-2-pentanone	U		0.22	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Acetone	**27**		**1.0**	**11**	**µg/Kg-dry**	0.896	3/28/2014 11:25
Benzene	U		0.27	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Bromodichloromethane	U		0.23	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Bromoform	U		0.17	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Bromomethane	U		0.39	11	µg/Kg-dry	0.896	3/28/2014 11:25
Carbon disulfide	U		0.41	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Carbon tetrachloride	U		0.22	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Chlorobenzene	U		0.24	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Chloroethane	U		0.62	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Chloroform	U		0.29	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Chloromethane	U		0.34	11	µg/Kg-dry	0.896	3/28/2014 11:25
cis-1,2-Dichloroethene	U		0.33	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
cis-1,3-Dichloropropene	U		0.20	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Cyclohexane	U		0.35	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Dibromochloromethane	U		0.19	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Dichlorodifluoromethane	U		0.37	11	µg/Kg-dry	0.896	3/28/2014 11:25
Ethylbenzene	**0.35**	J	**0.21**	**5.5**	**µg/Kg-dry**	0.896	3/28/2014 11:25
Isopropylbenzene	U		0.21	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
m,p-Xylene	**1.5**	J	**0.41**	**2.8**	**µg/Kg-dry**	0.896	3/28/2014 11:25
Methyl acetate	U		0.89	11	µg/Kg-dry	0.896	3/28/2014 11:25
Methyl tert-butyl ether	U		0.28	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Methylcyclohexane	U		0.31	11	µg/Kg-dry	0.896	3/28/2014 11:25
Methylene chloride	**3.3**	J	**0.31**	**5.5**	**µg/Kg-dry**	0.896	3/28/2014 11:25
o-Xylene	**0.69**	J	**0.22**	**2.8**	**µg/Kg-dry**	0.896	3/28/2014 11:25
Styrene	U		0.20	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Tetrachloroethene	U		0.33	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Toluene	**1.2**	J	**0.26**	**5.5**	**µg/Kg-dry**	0.896	3/28/2014 11:25
trans-1,2-Dichloroethene	U		0.32	5.5	µg/Kg-dry	0.896	3/28/2014 11:25

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 6-7 North Wall
Collection Date: 3/20/2014 02:05 PM

Work Order: 14031107
Lab ID: 14031107-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.20	11	µg/Kg-dry	0.896	3/28/2014 11:25
Trichloroethene	U		0.26	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Trichlorofluoromethane	U		1.3	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Vinyl chloride	U		0.34	5.5	µg/Kg-dry	0.896	3/28/2014 11:25
Xylenes, Total	**2.1**	J	**0.63**	**5.5**	**µg/Kg-dry**	0.896	3/28/2014 11:25
Surr: 1,2-Dichloroethane-d4	*117*			*70-120*	*%REC*	0.896	3/28/2014 11:25
Surr: 4-Bromofluorobenzene	*99.8*			*75-120*	*%REC*	0.896	3/28/2014 11:25
Surr: Dibromofluoromethane	*15.6*	S		*85-115*	*%REC*	0.896	3/28/2014 11:25
Surr: Toluene-d8	*97.3*			*85-120*	*%REC*	0.896	3/28/2014 11:25
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**19**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 4 Floor
Collection Date: 3/21/2014 08:18 AM

Work Order: 14031107
Lab ID: 14031107-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**95**		**0.0021**	**0.53**	**mg/Kg-dry**	1	3/30/2014 07:35
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**10**		**1.6**	**3.7**	**mg/Kg-dry**	1	4/1/2014 03:33
ORO (C21-C35)	U		1.8	3.7	mg/Kg-dry	1	4/1/2014 03:33
Surr: 4-Terphenyl-d14	*119*			*25-137*	*%REC*	1	4/1/2014 03:33
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		2.0	8.4	µg/Kg-dry	1	4/1/2014 03:33
2-Methylnaphthalene	**28**		**3.5**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:33
Acenaphthene	U		1.3	8.4	µg/Kg-dry	1	4/1/2014 03:33
Acenaphthylene	U		1.5	8.4	µg/Kg-dry	1	4/1/2014 03:33
Anthracene	U		1.7	8.4	µg/Kg-dry	1	4/1/2014 03:33
Benzo(a)anthracene	U		1.7	8.4	µg/Kg-dry	1	4/1/2014 03:33
Benzo(a)pyrene	U		2.7	8.4	µg/Kg-dry	1	4/1/2014 03:33
Benzo(b)fluoranthene	U		2.5	8.4	µg/Kg-dry	1	4/1/2014 03:33
Benzo(g,h,i)perylene	U		3.3	8.4	µg/Kg-dry	1	4/1/2014 03:33
Benzo(k)fluoranthene	U		1.8	8.4	µg/Kg-dry	1	4/1/2014 03:33
Chrysene	U		2.0	8.4	µg/Kg-dry	1	4/1/2014 03:33
Dibenzo(a,h)anthracene	U		3.1	8.4	µg/Kg-dry	1	4/1/2014 03:33
Fluoranthene	U		2.9	8.4	µg/Kg-dry	1	4/1/2014 03:33
Fluorene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 03:33
Indeno(1,2,3-cd)pyrene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 03:33
Naphthalene	**51**		**3.1**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:33
Phenanthrene	U		1.7	8.4	µg/Kg-dry	1	4/1/2014 03:33
Pyrene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 03:33
Surr: 2-Fluorobiphenyl	*80.4*			*12-100*	*%REC*	1	4/1/2014 03:33
Surr: 4-Terphenyl-d14	*119*			*25-137*	*%REC*	1	4/1/2014 03:33
Surr: Nitrobenzene-d5	*81.4*			*37-107*	*%REC*	1	4/1/2014 03:33
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	**21,000**		**2,000**	**3,900**	**µg/Kg-dry**	1	3/26/2014 17:11
Surr: Toluene-d8	*96.8*			*70-130*	*%REC*	1	3/26/2014 17:11
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260B**		Prep: SW5035 / 3/26/14		Analyst: **BG**
1,1,1-Trichloroethane	U		18	47	µg/Kg-dry	1	3/26/2014 17:11
1,1,2,2-Tetrachloroethane	U		21	47	µg/Kg-dry	1	3/26/2014 17:11
1,1,2-Trichloroethane	U		17	47	µg/Kg-dry	1	3/26/2014 17:11
1,1,2-Trichlorotrifluoroethane	U		17	47	µg/Kg-dry	1	3/26/2014 17:11
1,1-Dichloroethane	**1,400**		**17**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 4 Floor
Collection Date: 3/21/2014 08:18 AM

Work Order: 14031107
Lab ID: 14031107-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		20	47	µg/Kg-dry	1	3/26/2014 17:11
1,2,4-Trichlorobenzene	U		24	47	µg/Kg-dry	1	3/26/2014 17:11
1,2-Dibromo-3-chloropropane	U		23	47	µg/Kg-dry	1	3/26/2014 17:11
1,2-Dibromoethane	U		18	47	µg/Kg-dry	1	3/26/2014 17:11
1,2-Dichlorobenzene	U		19	47	µg/Kg-dry	1	3/26/2014 17:11
1,2-Dichloroethane	U		22	47	µg/Kg-dry	1	3/26/2014 17:11
1,2-Dichloropropane	U		16	47	µg/Kg-dry	1	3/26/2014 17:11
1,3-Dichlorobenzene	U		19	47	µg/Kg-dry	1	3/26/2014 17:11
1,4-Dichlorobenzene	U		18	47	µg/Kg-dry	1	3/26/2014 17:11
2-Butanone	**150**	J	**120**	**310**	**µg/Kg-dry**	1	3/26/2014 17:11
2-Hexanone	U		12	47	µg/Kg-dry	1	3/26/2014 17:11
4-Methyl-2-pentanone	U		16	47	µg/Kg-dry	1	3/26/2014 17:11
Acetone	U		99	160	µg/Kg-dry	1	3/26/2014 17:11
Benzene	**350**		**19**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
Bromodichloromethane	U		11	47	µg/Kg-dry	1	3/26/2014 17:11
Bromoform	U		9.2	47	µg/Kg-dry	1	3/26/2014 17:11
Bromomethane	U		18	120	µg/Kg-dry	1	3/26/2014 17:11
Carbon disulfide	U		23	47	µg/Kg-dry	1	3/26/2014 17:11
Carbon tetrachloride	U		13	47	µg/Kg-dry	1	3/26/2014 17:11
Chlorobenzene	U		19	47	µg/Kg-dry	1	3/26/2014 17:11
Chloroethane	U		100	160	µg/Kg-dry	1	3/26/2014 17:11
Chloroform	U		19	47	µg/Kg-dry	1	3/26/2014 17:11
Chloromethane	U		26	160	µg/Kg-dry	1	3/26/2014 17:11
cis-1,2-Dichloroethene	U		19	47	µg/Kg-dry	1	3/26/2014 17:11
cis-1,3-Dichloropropene	U		16	47	µg/Kg-dry	1	3/26/2014 17:11
Cyclohexane	**63**		**21**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
Dibromochloromethane	U		8.7	47	µg/Kg-dry	1	3/26/2014 17:11
Dichlorodifluoromethane	U		21	47	µg/Kg-dry	1	3/26/2014 17:11
Ethylbenzene	**570**		**17**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
Isopropylbenzene	**33**	J	**20**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
m,p-Xylene	**2,300**		**36**	**94**	**µg/Kg-dry**	1	3/26/2014 17:11
Methyl acetate	U		63	310	µg/Kg-dry	1	3/26/2014 17:11
Methyl tert-butyl ether	U		20	47	µg/Kg-dry	1	3/26/2014 17:11
Methylcyclohexane	U		22	47	µg/Kg-dry	1	3/26/2014 17:11
Methylene chloride	U		18	47	µg/Kg-dry	1	3/26/2014 17:11
o-Xylene	**1,000**		**20**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
Styrene	U		17	47	µg/Kg-dry	1	3/26/2014 17:11
Tetrachloroethene	U		21	47	µg/Kg-dry	1	3/26/2014 17:11
Toluene	**2,300**		**18**	**47**	**µg/Kg-dry**	1	3/26/2014 17:11
trans-1,2-Dichloroethene	U		14	47	µg/Kg-dry	1	3/26/2014 17:11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 4 Floor
Collection Date: 3/21/2014 08:18 AM

Work Order: 14031107
Lab ID: 14031107-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		16	47	µg/Kg-dry	1	3/26/2014 17:11
Trichloroethene	U		22	47	µg/Kg-dry	1	3/26/2014 17:11
Trichlorofluoromethane	U		13	47	µg/Kg-dry	1	3/26/2014 17:11
Vinyl chloride	U		21	47	µg/Kg-dry	1	3/26/2014 17:11
Xylenes, Total	**3,400**		**55**	**140**	**µg/Kg-dry**	1	3/26/2014 17:11
Surr: 1,2-Dichloroethane-d4	*98.0*			*70-130*	*%REC*	1	3/26/2014 17:11
Surr: 4-Bromofluorobenzene	*98.8*			*70-130*	*%REC*	1	3/26/2014 17:11
Surr: Dibromofluoromethane	*92.0*			*70-130*	*%REC*	1	3/26/2014 17:11
Surr: Toluene-d8	*99.3*			*70-130*	*%REC*	1	3/26/2014 17:11
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**21**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 3 Floor
Collection Date: 3/21/2014 08:44 AM

Work Order: 14031107
Lab ID: 14031107-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**12**		**0.0019**	**0.48**	**mg/Kg-dry**	1	3/30/2014 07:41
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.6	mg/Kg-dry	1	4/1/2014 01:05
ORO (C21-C35)	U		1.7	3.6	mg/Kg-dry	1	4/1/2014 01:05
Surr: 4-Terphenyl-d14	*132*			*25-137*	*%REC*	1	4/1/2014 01:05
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.2	µg/Kg-dry	1	4/1/2014 01:05
2-Methylnaphthalene	U		3.4	8.2	µg/Kg-dry	1	4/1/2014 01:05
Acenaphthene	U		1.2	8.2	µg/Kg-dry	1	4/1/2014 01:05
Acenaphthylene	U		1.5	8.2	µg/Kg-dry	1	4/1/2014 01:05
Anthracene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 01:05
Benzo(a)anthracene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 01:05
Benzo(a)pyrene	U		2.7	8.2	µg/Kg-dry	1	4/1/2014 01:05
Benzo(b)fluoranthene	U		2.4	8.2	µg/Kg-dry	1	4/1/2014 01:05
Benzo(g,h,i)perylene	U		3.2	8.2	µg/Kg-dry	1	4/1/2014 01:05
Benzo(k)fluoranthene	U		1.7	8.2	µg/Kg-dry	1	4/1/2014 01:05
Chrysene	U		2.0	8.2	µg/Kg-dry	1	4/1/2014 01:05
Dibenzo(a,h)anthracene	U		3.1	8.2	µg/Kg-dry	1	4/1/2014 01:05
Fluoranthene	U		2.9	8.2	µg/Kg-dry	1	4/1/2014 01:05
Fluorene	U		2.8	8.2	µg/Kg-dry	1	4/1/2014 01:05
Indeno(1,2,3-cd)pyrene	U		2.7	8.2	µg/Kg-dry	1	4/1/2014 01:05
Naphthalene	U		3.0	8.2	µg/Kg-dry	1	4/1/2014 01:05
Phenanthrene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 01:05
Pyrene	U		2.8	8.2	µg/Kg-dry	1	4/1/2014 01:05
Surr: 2-Fluorobiphenyl	*87.3*			*12-100*	*%REC*	1	4/1/2014 01:05
Surr: 4-Terphenyl-d14	*132*			*25-137*	*%REC*	1	4/1/2014 01:05
Surr: Nitrobenzene-d5	*87.5*			*37-107*	*%REC*	1	4/1/2014 01:05
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	**9,800**		**1,600**	**3,100**	**µg/Kg-dry**	1	3/26/2014 17:37
Surr: Toluene-d8	*95.7*			*70-130*	*%REC*	1	3/26/2014 17:37
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260B**		Prep: SW5035 / 3/26/14		Analyst: **BG**
1,1,1-Trichloroethane	U		14	38	µg/Kg-dry	1	3/26/2014 17:37
1,1,2,2-Tetrachloroethane	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
1,1,2-Trichloroethane	U		13	38	µg/Kg-dry	1	3/26/2014 17:37
1,1,2-Trichlorotrifluoroethane	U		14	38	µg/Kg-dry	1	3/26/2014 17:37
1,1-Dichloroethane	**2,300**		**14**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 3 Floor
Collection Date: 3/21/2014 08:44 AM

Work Order: 14031107
Lab ID: 14031107-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		16	38	µg/Kg-dry	1	3/26/2014 17:37
1,2,4-Trichlorobenzene	U		19	38	µg/Kg-dry	1	3/26/2014 17:37
1,2-Dibromo-3-chloropropane	U		18	38	µg/Kg-dry	1	3/26/2014 17:37
1,2-Dibromoethane	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
1,2-Dichlorobenzene	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
1,2-Dichloroethane	**47**		**18**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37
1,2-Dichloropropane	U		12	38	µg/Kg-dry	1	3/26/2014 17:37
1,3-Dichlorobenzene	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
1,4-Dichlorobenzene	U		14	38	µg/Kg-dry	1	3/26/2014 17:37
2-Butanone	**96**	J	**93**	**250**	**µg/Kg-dry**	1	3/26/2014 17:37
2-Hexanone	U		9.2	38	µg/Kg-dry	1	3/26/2014 17:37
4-Methyl-2-pentanone	U		13	38	µg/Kg-dry	1	3/26/2014 17:37
Acetone	U		79	130	µg/Kg-dry	1	3/26/2014 17:37
Benzene	**490**		**15**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37
Bromodichloromethane	U		8.4	38	µg/Kg-dry	1	3/26/2014 17:37
Bromoform	U		7.4	38	µg/Kg-dry	1	3/26/2014 17:37
Bromomethane	U		14	94	µg/Kg-dry	1	3/26/2014 17:37
Carbon disulfide	U		19	38	µg/Kg-dry	1	3/26/2014 17:37
Carbon tetrachloride	U		11	38	µg/Kg-dry	1	3/26/2014 17:37
Chlorobenzene	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
Chloroethane	U		80	130	µg/Kg-dry	1	3/26/2014 17:37
Chloroform	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
Chloromethane	U		21	130	µg/Kg-dry	1	3/26/2014 17:37
cis-1,2-Dichloroethene	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
cis-1,3-Dichloropropene	U		13	38	µg/Kg-dry	1	3/26/2014 17:37
Cyclohexane	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
Dibromochloromethane	U		6.9	38	µg/Kg-dry	1	3/26/2014 17:37
Dichlorodifluoromethane	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
Ethylbenzene	**150**		**14**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37
Isopropylbenzene	U		16	38	µg/Kg-dry	1	3/26/2014 17:37
m,p-Xylene	**540**		**28**	**75**	**µg/Kg-dry**	1	3/26/2014 17:37
Methyl acetate	U		50	250	µg/Kg-dry	1	3/26/2014 17:37
Methyl tert-butyl ether	U		16	38	µg/Kg-dry	1	3/26/2014 17:37
Methylcyclohexane	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
Methylene chloride	U		15	38	µg/Kg-dry	1	3/26/2014 17:37
o-Xylene	**230**		**16**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37
Styrene	U		14	38	µg/Kg-dry	1	3/26/2014 17:37
Tetrachloroethene	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
Toluene	**1,300**		**14**	**38**	**µg/Kg-dry**	1	3/26/2014 17:37
trans-1,2-Dichloroethene	U		12	38	µg/Kg-dry	1	3/26/2014 17:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 3 Floor
Collection Date: 3/21/2014 08:44 AM

Work Order: 14031107
Lab ID: 14031107-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		13	38	µg/Kg-dry	1	3/26/2014 17:37
Trichloroethene	U		18	38	µg/Kg-dry	1	3/26/2014 17:37
Trichlorofluoromethane	U		10	38	µg/Kg-dry	1	3/26/2014 17:37
Vinyl chloride	U		17	38	µg/Kg-dry	1	3/26/2014 17:37
Xylenes, Total	**760**		**44**	**110**	**µg/Kg-dry**	1	3/26/2014 17:37
Surr: 1,2-Dichloroethane-d4	*98.5*			*70-130*	*%REC*	1	3/26/2014 17:37
Surr: 4-Bromofluorobenzene	*98.0*			*70-130*	*%REC*	1	3/26/2014 17:37
Surr: Dibromofluoromethane	*93.6*			*70-130*	*%REC*	1	3/26/2014 17:37
Surr: Toluene-d8	*98.0*			*70-130*	*%REC*	1	3/26/2014 17:37
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**20**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 2 Floor
Collection Date: 3/21/2014 08:53 AM

Work Order: 14031107
Lab ID: 14031107-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/28/14		Analyst: **ML**
Lead	**10**		**0.0019**	**0.47**	**mg/Kg-dry**	1	3/30/2014 07:47
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.5	mg/Kg-dry	1	4/1/2014 01:30
ORO (C21-C35)	U		1.7	3.5	mg/Kg-dry	1	4/1/2014 01:30
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	4/1/2014 01:30
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.1	µg/Kg-dry	1	4/1/2014 01:30
2-Methylnaphthalene	U		3.4	8.1	µg/Kg-dry	1	4/1/2014 01:30
Acenaphthene	U		1.2	8.1	µg/Kg-dry	1	4/1/2014 01:30
Acenaphthylene	U		1.5	8.1	µg/Kg-dry	1	4/1/2014 01:30
Anthracene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 01:30
Benzo(a)anthracene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 01:30
Benzo(a)pyrene	U		2.6	8.1	µg/Kg-dry	1	4/1/2014 01:30
Benzo(b)fluoranthene	U		2.4	8.1	µg/Kg-dry	1	4/1/2014 01:30
Benzo(g,h,i)perylene	U		3.2	8.1	µg/Kg-dry	1	4/1/2014 01:30
Benzo(k)fluoranthene	U		1.7	8.1	µg/Kg-dry	1	4/1/2014 01:30
Chrysene	U		1.9	8.1	µg/Kg-dry	1	4/1/2014 01:30
Dibenzo(a,h)anthracene	U		3.0	8.1	µg/Kg-dry	1	4/1/2014 01:30
Fluoranthene	U		2.8	8.1	µg/Kg-dry	1	4/1/2014 01:30
Fluorene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 01:30
Indeno(1,2,3-cd)pyrene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 01:30
Naphthalene	U		3.0	8.1	µg/Kg-dry	1	4/1/2014 01:30
Phenanthrene	U		1.6	8.1	µg/Kg-dry	1	4/1/2014 01:30
Pyrene	U		2.7	8.1	µg/Kg-dry	1	4/1/2014 01:30
Surr: 2-Fluorobiphenyl	*80.2*			*12-100*	*%REC*	1	4/1/2014 01:30
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	4/1/2014 01:30
Surr: Nitrobenzene-d5	*81.5*			*37-107*	*%REC*	1	4/1/2014 01:30
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	**2,100**	J	**1,500**	**3,100**	**µg/Kg-dry**	1	3/26/2014 18:04
Surr: Toluene-d8	*96.2*			*70-130*	*%REC*	1	3/26/2014 18:04
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.23	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,1,2,2-Tetrachloroethane	U		0.15	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,1,2-Trichloroethane	U		0.20	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,1,2-Trichlorotrifluoroethane	U		0.29	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,1-Dichloroethane	**300**		**0.32**	**6.2**	**µg/Kg-dry**	1	3/26/2014 18:04

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 2 Floor
Collection Date: 3/21/2014 08:53 AM

Work Order: 14031107
Lab ID: 14031107-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.23	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,2,4-Trichlorobenzene	U		0.21	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,2-Dibromo-3-chloropropane	U		0.20	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,2-Dibromoethane	U		0.21	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,2-Dichlorobenzene	U		0.21	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,2-Dichloroethane	**8.5**		**0.29**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
1,2-Dichloropropane	U		0.27	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,3-Dichlorobenzene	U		0.19	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
1,4-Dichlorobenzene	U		0.22	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
2-Butanone	**34**		**0.79**	**10**	**µg/Kg-dry**	0.831	3/28/2014 15:41
2-Hexanone	**3.7**	J	**0.31**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
4-Methyl-2-pentanone	**1.3**	J	**0.20**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Acetone	**81**		**0.97**	**10**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Benzene	**77**		**0.26**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Bromodichloromethane	U		0.21	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Bromoform	U		0.16	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Bromomethane	U		0.36	10	µg/Kg-dry	0.831	3/28/2014 15:41
Carbon disulfide	**0.82**	J	**0.38**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Carbon tetrachloride	U		0.21	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Chlorobenzene	U		0.23	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Chloroethane	**6.7**		**0.58**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Chloroform	U		0.27	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Chloromethane	U		0.32	10	µg/Kg-dry	0.831	3/28/2014 15:41
cis-1,2-Dichloroethene	U		0.30	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
cis-1,3-Dichloropropene	U		0.19	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Cyclohexane	**7.5**		**0.33**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Dibromochloromethane	U		0.17	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Dichlorodifluoromethane	U		0.34	10	µg/Kg-dry	0.831	3/28/2014 15:41
Ethylbenzene	**20**		**0.20**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Isopropylbenzene	**0.48**	J	**0.20**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
m,p-Xylene	**72**		**0.39**	**2.6**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Methyl acetate	U		0.83	10	µg/Kg-dry	0.831	3/28/2014 15:41
Methyl tert-butyl ether	U		0.26	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Methylcyclohexane	U		0.29	10	µg/Kg-dry	0.831	3/28/2014 15:41
Methylene chloride	**3.3**	J	**0.29**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
o-Xylene	**33**		**0.20**	**2.6**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Styrene	U		0.19	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Tetrachloroethene	U		0.31	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Toluene	**150**		**0.29**	**6.2**	**µg/Kg-dry**	1	3/26/2014 18:04
trans-1,2-Dichloroethene	U		0.30	5.1	µg/Kg-dry	0.831	3/28/2014 15:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 2 Floor
Collection Date: 3/21/2014 08:53 AM

Work Order: 14031107
Lab ID: 14031107-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.19	10	µg/Kg-dry	0.831	3/28/2014 15:41
Trichloroethene	U		0.24	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Trichlorofluoromethane	U		1.2	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Vinyl chloride	U		0.31	5.1	µg/Kg-dry	0.831	3/28/2014 15:41
Xylenes, Total	**100**		**0.59**	**5.1**	**µg/Kg-dry**	0.831	3/28/2014 15:41
Surr: 1,2-Dichloroethane-d4	*96.8*			*70-120*	*%REC*	1	3/26/2014 18:04
Surr: 1,2-Dichloroethane-d4	*115*			*70-120*	*%REC*	0.831	3/28/2014 15:41
Surr: 4-Bromofluorobenzene	*98.4*			*75-120*	*%REC*	1	3/26/2014 18:04
Surr: 4-Bromofluorobenzene	*106*			*75-120*	*%REC*	0.831	3/28/2014 15:41
Surr: Dibromofluoromethane	*91.5*			*85-115*	*%REC*	1	3/26/2014 18:04
Surr: Dibromofluoromethane	*17.3*	S		*85-115*	*%REC*	0.831	3/28/2014 15:41
Surr: Toluene-d8	*98.4*			*85-120*	*%REC*	1	3/26/2014 18:04
Surr: Toluene-d8	*98.1*			*85-120*	*%REC*	0.831	3/28/2014 15:41
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**19**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 1 Floor
Collection Date: 3/21/2014 09:05 AM

Work Order: 14031107
Lab ID: 14031107-09
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**96**		**0.0019**	**0.49**	**mg/Kg-dry**	1	3/31/2014 20:12
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**35**		**1.6**	**3.7**	**mg/Kg-dry**	1	4/1/2014 03:58
ORO (C21-C35)	**37**		**1.7**	**3.7**	**mg/Kg-dry**	1	4/1/2014 03:58
Surr: 4-Terphenyl-d14	*116*			*25-137*	*%REC*	1	4/1/2014 03:58
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		2.0	8.4	µg/Kg-dry	1	4/1/2014 03:58
2-Methylnaphthalene	**51**		**3.5**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Acenaphthene	U		1.2	8.4	µg/Kg-dry	1	4/1/2014 03:58
Acenaphthylene	**47**		**1.5**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Anthracene	**82**		**1.6**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Benzo(a)anthracene	**320**		**1.6**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Benzo(a)pyrene	**710**		**2.7**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Benzo(b)fluoranthene	**790**		**2.4**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Benzo(g,h,i)perylene	**1,300**		**3.3**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Benzo(k)fluoranthene	**240**		**1.8**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Chrysene	**390**		**2.0**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Dibenzo(a,h)anthracene	**210**		**3.1**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Fluoranthene	**250**		**2.9**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Fluorene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 03:58
Indeno(1,2,3-cd)pyrene	**1,000**		**2.8**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Naphthalene	**53**		**3.1**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Phenanthrene	**95**		**1.7**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Pyrene	**500**		**2.8**	**8.4**	**µg/Kg-dry**	1	4/1/2014 03:58
Surr: 2-Fluorobiphenyl	*80.5*			*12-100*	*%REC*	1	4/1/2014 03:58
Surr: 4-Terphenyl-d14	*116*			*25-137*	*%REC*	1	4/1/2014 03:58
Surr: Nitrobenzene-d5	*71.5*			*37-107*	*%REC*	1	4/1/2014 03:58
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	**12,000**		**1,600**	**3,200**	**µg/Kg-dry**	1	3/26/2014 18:30
Surr: Toluene-d8	*97.1*			*70-130*	*%REC*	1	3/26/2014 18:30
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**		Prep: SW5035 / 3/26/14		Analyst: **BG**
1,1,1-Trichloroethane	U		0.28	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,1,2,2-Tetrachloroethane	U		0.18	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,1,2-Trichloroethane	U		0.24	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,1,2-Trichlorotrifluoroethane	U		0.35	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,1-Dichloroethane	**2,900**		**0.32**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 1 Floor
Collection Date: 3/21/2014 09:05 AM

Work Order: 14031107
Lab ID: 14031107-09
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.29	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,2,4-Trichlorobenzene	U		0.26	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,2-Dibromo-3-chloropropane	U		0.25	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,2-Dibromoethane	U		0.26	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,2-Dichlorobenzene	U		0.26	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,2-Dichloroethane	**63**		**0.35**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
1,2-Dichloropropane	U		0.33	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,3-Dichlorobenzene	U		0.24	6.3	µg/Kg-dry	1	3/26/2014 18:30
1,4-Dichlorobenzene	U		0.27	6.3	µg/Kg-dry	1	3/26/2014 18:30
2-Butanone	**230**		**0.97**	**13**	**µg/Kg-dry**	1	3/26/2014 18:30
2-Hexanone	U		0.38	6.3	µg/Kg-dry	1	3/26/2014 18:30
4-Methyl-2-pentanone	U		0.25	6.3	µg/Kg-dry	1	3/26/2014 18:30
Acetone	**110**		**1.2**	**13**	**µg/Kg-dry**	1	3/26/2014 18:30
Benzene	**570**		**0.31**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
Bromodichloromethane	U		0.26	6.3	µg/Kg-dry	1	3/26/2014 18:30
Bromoform	U		0.19	6.3	µg/Kg-dry	1	3/26/2014 18:30
Bromomethane	U		0.44	13	µg/Kg-dry	1	3/26/2014 18:30
Carbon disulfide	**44**		**0.46**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
Carbon tetrachloride	U		0.26	6.3	µg/Kg-dry	1	3/26/2014 18:30
Chlorobenzene	U		0.28	6.3	µg/Kg-dry	1	3/26/2014 18:30
Chloroethane	U		0.71	6.3	µg/Kg-dry	1	3/26/2014 18:30
Chloroform	U		0.33	6.3	µg/Kg-dry	1	3/26/2014 18:30
Chloromethane	U		0.39	13	µg/Kg-dry	1	3/26/2014 18:30
cis-1,2-Dichloroethene	U		0.37	6.3	µg/Kg-dry	1	3/26/2014 18:30
cis-1,3-Dichloropropene	U		0.23	6.3	µg/Kg-dry	1	3/26/2014 18:30
Cyclohexane	U		0.40	6.3	µg/Kg-dry	1	3/26/2014 18:30
Dibromochloromethane	U		0.21	6.3	µg/Kg-dry	1	3/26/2014 18:30
Dichlorodifluoromethane	U		0.42	13	µg/Kg-dry	1	3/26/2014 18:30
Ethylbenzene	**180**		**0.24**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
Isopropylbenzene	U		0.24	6.3	µg/Kg-dry	1	3/26/2014 18:30
m,p-Xylene	**620**		**0.48**	**3.2**	**µg/Kg-dry**	1	3/26/2014 18:30
Methyl acetate	**27**		**1.0**	**13**	**µg/Kg-dry**	1	3/26/2014 18:30
Methyl tert-butyl ether	U		0.32	6.3	µg/Kg-dry	1	3/26/2014 18:30
Methylcyclohexane	U		0.35	13	µg/Kg-dry	1	3/26/2014 18:30
Methylene chloride	U		0.36	6.3	µg/Kg-dry	1	3/26/2014 18:30
o-Xylene	**270**		**0.25**	**3.2**	**µg/Kg-dry**	1	3/26/2014 18:30
Styrene	U		0.23	6.3	µg/Kg-dry	1	3/26/2014 18:30
Tetrachloroethene	U		0.38	6.3	µg/Kg-dry	1	3/26/2014 18:30
Toluene	**1,800**		**0.30**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
trans-1,2-Dichloroethene	U		0.37	6.3	µg/Kg-dry	1	3/26/2014 18:30

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Tank 1 Floor
Collection Date: 3/21/2014 09:05 AM

Work Order: 14031107
Lab ID: 14031107-09
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.23	13	µg/Kg-dry	1	3/26/2014 18:30
Trichloroethene	U		0.29	6.3	µg/Kg-dry	1	3/26/2014 18:30
Trichlorofluoromethane	U		1.5	6.3	µg/Kg-dry	1	3/26/2014 18:30
Vinyl chloride	U		0.39	6.3	µg/Kg-dry	1	3/26/2014 18:30
Xylenes, Total	**900**		**0.73**	**6.3**	**µg/Kg-dry**	1	3/26/2014 18:30
Surr: 1,2-Dichloroethane-d4	*99.0*			*70-120*	*%REC*	1	3/26/2014 18:30
Surr: 4-Bromofluorobenzene	*98.6*			*75-120*	*%REC*	1	3/26/2014 18:30
Surr: Dibromofluoromethane	*92.8*			*85-115*	*%REC*	1	3/26/2014 18:30
Surr: Toluene-d8	*99.0*			*85-120*	*%REC*	1	3/26/2014 18:30
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**21**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: West Tank Pit Wall
Collection Date: 3/21/2014 09:20 AM

Work Order: 14031107
Lab ID: 14031107-10
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**23**		**0.0018**	**0.44**	**mg/Kg-dry**	1	3/31/2014 20:18
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**9.6**		**1.5**	**3.6**	**mg/Kg-dry**	1	4/1/2014 04:23
ORO (C21-C35)	**31**		**1.7**	**3.6**	**mg/Kg-dry**	1	4/1/2014 04:23
Surr: 4-Terphenyl-d14	*117*			*25-137*	*%REC*	1	4/1/2014 04:23
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.3	µg/Kg-dry	1	4/1/2014 04:23
2-Methylnaphthalene	U		3.4	8.3	µg/Kg-dry	1	4/1/2014 04:23
Acenaphthene	U		1.2	8.3	µg/Kg-dry	1	4/1/2014 04:23
Acenaphthylene	**95**		**1.5**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Anthracene	**75**		**1.6**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Benzo(a)anthracene	**100**		**1.6**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Benzo(a)pyrene	**310**		**2.7**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Benzo(b)fluoranthene	**290**		**2.4**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Benzo(g,h,i)perylene	**1,500**		**3.2**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Benzo(k)fluoranthene	**99**		**1.7**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Chrysene	**130**		**2.0**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Dibenzo(a,h)anthracene	**120**		**3.1**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Fluoranthene	**130**		**2.9**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Fluorene	**24**		**2.8**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Indeno(1,2,3-cd)pyrene	**680**		**2.7**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Naphthalene	**21**		**3.0**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Phenanthrene	**140**		**1.7**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Pyrene	**140**		**2.8**	**8.3**	**µg/Kg-dry**	1	4/1/2014 04:23
Surr: 2-Fluorobiphenyl	*80.3*			*12-100*	*%REC*	1	4/1/2014 04:23
Surr: 4-Terphenyl-d14	*117*			*25-137*	*%REC*	1	4/1/2014 04:23
Surr: Nitrobenzene-d5	*78.3*			*37-107*	*%REC*	1	4/1/2014 04:23
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,600	3,100	µg/Kg-dry	1	3/26/2014 18:57
Surr: Toluene-d8	*95.0*			*70-130*	*%REC*	1	3/26/2014 18:57
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **AK**
1,1,1-Trichloroethane	U		0.31	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,1,2,2-Tetrachloroethane	U		0.20	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,1,2-Trichloroethane	U		0.27	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,1,2-Trichlorotrifluoroethane	U		0.39	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,1-Dichloroethane	**22**		**0.36**	**7.1**	**µg/Kg-dry**	1.13	3/28/2014 11:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: West Tank Pit Wall
Collection Date: 3/21/2014 09:20 AM

Work Order: 14031107
Lab ID: 14031107-10
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.32	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2,4-Trichlorobenzene	U		0.29	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2-Dibromo-3-chloropropane	U		0.28	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2-Dibromoethane	U		0.29	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2-Dichlorobenzene	U		0.29	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2-Dichloroethane	U		0.39	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,2-Dichloropropane	U		0.37	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,3-Dichlorobenzene	U		0.27	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
1,4-Dichlorobenzene	U		0.30	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
2-Butanone	**17**		**1.1**	**14**	**µg/Kg-dry**	1.13	3/28/2014 11:50
2-Hexanone	U		0.43	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
4-Methyl-2-pentanone	U		0.28	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Acetone	**91**		**1.3**	**14**	**µg/Kg-dry**	1.13	3/28/2014 11:50
Benzene	**1.5**	J	**0.35**	**7.1**	**µg/Kg-dry**	1.13	3/28/2014 11:50
Bromodichloromethane	U		0.29	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Bromoform	U		0.22	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Bromomethane	U		0.50	14	µg/Kg-dry	1.13	3/28/2014 11:50
Carbon disulfide	**1.8**	J	**0.52**	**7.1**	**µg/Kg-dry**	1.13	3/28/2014 11:50
Carbon tetrachloride	U		0.29	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Chlorobenzene	U		0.31	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Chloroethane	U		0.79	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Chloroform	U		0.37	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Chloromethane	U		0.43	14	µg/Kg-dry	1.13	3/28/2014 11:50
cis-1,2-Dichloroethene	U		0.42	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
cis-1,3-Dichloropropene	U		0.25	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Cyclohexane	U		0.45	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Dibromochloromethane	U		0.24	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Dichlorodifluoromethane	U		0.47	14	µg/Kg-dry	1.13	3/28/2014 11:50
Ethylbenzene	U		0.27	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Isopropylbenzene	U		0.27	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
m,p-Xylene	U		0.53	3.5	µg/Kg-dry	1.13	3/28/2014 11:50
Methyl acetate	U		1.1	14	µg/Kg-dry	1.13	3/28/2014 11:50
Methyl tert-butyl ether	U		0.36	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Methylcyclohexane	U		0.39	14	µg/Kg-dry	1.13	3/28/2014 11:50
Methylene chloride	**3.2**	J	**0.40**	**7.1**	**µg/Kg-dry**	1.13	3/28/2014 11:50
o-Xylene	U		0.28	3.5	µg/Kg-dry	1.13	3/28/2014 11:50
Styrene	U		0.26	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Tetrachloroethene	U		0.42	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Toluene	**1.8**	J	**0.33**	**7.1**	**µg/Kg-dry**	1.13	3/28/2014 11:50
trans-1,2-Dichloroethene	U		0.41	7.1	µg/Kg-dry	1.13	3/28/2014 11:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: West Tank Pit Wall
Collection Date: 3/21/2014 09:20 AM

Work Order: 14031107
Lab ID: 14031107-10
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.26	14	µg/Kg-dry	1.13	3/28/2014 11:50
Trichloroethene	U		0.33	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Trichlorofluoromethane	U		1.6	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Vinyl chloride	U		0.43	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Xylenes, Total	U		0.81	7.1	µg/Kg-dry	1.13	3/28/2014 11:50
Surr: 1,2-Dichloroethane-d4	*117*			*70-120*	*%REC*	1.13	3/28/2014 11:50
Surr: 4-Bromofluorobenzene	*97.0*			*75-120*	*%REC*	1.13	3/28/2014 11:50
Surr: Dibromofluoromethane	*17.2*	S		*85-115*	*%REC*	1.13	3/28/2014 11:50
Surr: Toluene-d8	*95.6*			*85-120*	*%REC*	1.13	3/28/2014 11:50
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**20**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-1 (14-16)
Collection Date: 3/24/2014 01:04 PM

Work Order: 14031107
Lab ID: 14031107-11
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**11**		**0.0019**	**0.48**	**mg/Kg-dry**	1	3/31/2014 20:24
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.4	mg/Kg-dry	1	4/1/2014 01:55
ORO (C21-C35)	U		1.6	3.4	mg/Kg-dry	1	4/1/2014 01:55
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	4/1/2014 01:55
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.8	7.8	µg/Kg-dry	1	4/1/2014 01:55
2-Methylnaphthalene	U		3.2	7.8	µg/Kg-dry	1	4/1/2014 01:55
Acenaphthene	U		1.2	7.8	µg/Kg-dry	1	4/1/2014 01:55
Acenaphthylene	U		1.4	7.8	µg/Kg-dry	1	4/1/2014 01:55
Anthracene	U		1.5	7.8	µg/Kg-dry	1	4/1/2014 01:55
Benzo(a)anthracene	U		1.5	7.8	µg/Kg-dry	1	4/1/2014 01:55
Benzo(a)pyrene	U		2.5	7.8	µg/Kg-dry	1	4/1/2014 01:55
Benzo(b)fluoranthene	U		2.3	7.8	µg/Kg-dry	1	4/1/2014 01:55
Benzo(g,h,i)perylene	U		3.1	7.8	µg/Kg-dry	1	4/1/2014 01:55
Benzo(k)fluoranthene	U		1.7	7.8	µg/Kg-dry	1	4/1/2014 01:55
Chrysene	U		1.9	7.8	µg/Kg-dry	1	4/1/2014 01:55
Dibenzo(a,h)anthracene	U		2.9	7.8	µg/Kg-dry	1	4/1/2014 01:55
Fluoranthene	U		2.7	7.8	µg/Kg-dry	1	4/1/2014 01:55
Fluorene	U		2.6	7.8	µg/Kg-dry	1	4/1/2014 01:55
Indeno(1,2,3-cd)pyrene	U		2.6	7.8	µg/Kg-dry	1	4/1/2014 01:55
Naphthalene	U		2.9	7.8	µg/Kg-dry	1	4/1/2014 01:55
Phenanthrene	U		1.6	7.8	µg/Kg-dry	1	4/1/2014 01:55
Pyrene	U		2.6	7.8	µg/Kg-dry	1	4/1/2014 01:55
Surr: 2-Fluorobiphenyl	*87.9*			*12-100*	*%REC*	1	4/1/2014 01:55
Surr: 4-Terphenyl-d14	*121*			*25-137*	*%REC*	1	4/1/2014 01:55
Surr: Nitrobenzene-d5	*88.7*			*37-107*	*%REC*	1	4/1/2014 01:55
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,000	µg/Kg-dry	1	3/26/2014 19:23
Surr: Toluene-d8	*97.2*			*70-130*	*%REC*	1	3/26/2014 19:23
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **AK**
1,1,1-Trichloroethane	U		0.19	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,1,2,2-Tetrachloroethane	U		0.13	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,1,2-Trichloroethane	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,1,2-Trichlorotrifluoroethane	U		0.24	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,1-Dichloroethane	U		0.22	4.4	µg/Kg-dry	0.744	3/28/2014 12:16

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-1 (14-16)
Collection Date: 3/24/2014 01:04 PM

Work Order: 14031107
Lab ID: 14031107-11
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.20	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2,4-Trichlorobenzene	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2-Dibromo-3-chloropropane	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2-Dibromoethane	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2-Dichlorobenzene	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2-Dichloroethane	U		0.24	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,2-Dichloropropane	U		0.23	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,3-Dichlorobenzene	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
1,4-Dichlorobenzene	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
2-Butanone	**3.4**	J	**0.68**	**8.8**	**µg/Kg-dry**	0.744	3/28/2014 12:16
2-Hexanone	U		0.27	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
4-Methyl-2-pentanone	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Acetone	**51**		**0.83**	**8.8**	**µg/Kg-dry**	0.744	3/28/2014 12:16
Benzene	U		0.22	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Bromodichloromethane	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Bromoform	U		0.14	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Bromomethane	U		0.31	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
Carbon disulfide	U		0.32	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Carbon tetrachloride	U		0.18	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Chlorobenzene	U		0.19	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Chloroethane	U		0.50	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Chloroform	U		0.23	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Chloromethane	U		0.27	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
cis-1,2-Dichloroethene	U		0.26	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
cis-1,3-Dichloropropene	U		0.16	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Cyclohexane	U		0.28	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Dibromochloromethane	U		0.15	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Dichlorodifluoromethane	U		0.29	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
Ethylbenzene	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Isopropylbenzene	U		0.17	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
m,p-Xylene	U		0.33	2.2	µg/Kg-dry	0.744	3/28/2014 12:16
Methyl acetate	U		0.71	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
Methyl tert-butyl ether	U		0.22	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Methylcyclohexane	U		0.24	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
Methylene chloride	**1.4**	J	**0.25**	**4.4**	**µg/Kg-dry**	0.744	3/28/2014 12:16
o-Xylene	U		0.18	2.2	µg/Kg-dry	0.744	3/28/2014 12:16
Styrene	U		0.16	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Tetrachloroethene	U		0.26	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Toluene	**0.37**	J	**0.21**	**4.4**	**µg/Kg-dry**	0.744	3/28/2014 12:16
trans-1,2-Dichloroethene	U		0.26	4.4	µg/Kg-dry	0.744	3/28/2014 12:16

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-1 (14-16)
Collection Date: 3/24/2014 01:04 PM

Work Order: 14031107
Lab ID: 14031107-11
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.16	8.8	µg/Kg-dry	0.744	3/28/2014 12:16
Trichloroethene	U		0.21	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Trichlorofluoromethane	U		1.0	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Vinyl chloride	U		0.27	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Xylenes, Total	U		0.51	4.4	µg/Kg-dry	0.744	3/28/2014 12:16
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.744	3/28/2014 12:16
Surr: 4-Bromofluorobenzene	*95.8*			*75-120*	*%REC*	0.744	3/28/2014 12:16
Surr: Dibromofluoromethane	*17.9*	S		*85-115*	*%REC*	0.744	3/28/2014 12:16
Surr: Toluene-d8	*95.4*			*85-120*	*%REC*	0.744	3/28/2014 12:16
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**16**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-2 (4-6)
Collection Date: 3/24/2014 01:29 PM

Work Order: 14031107
Lab ID: 14031107-12
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**81**		**0.0019**	**0.46**	**mg/Kg-dry**	1	3/31/2014 21:07
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**11**		**1.5**	**3.5**	**mg/Kg-dry**	1	4/1/2014 04:47
ORO (C21-C35)	**30**		**1.7**	**3.5**	**mg/Kg-dry**	1	4/1/2014 04:47
Surr: 4-Terphenyl-d14	*109*			*25-137*	*%REC*	1	4/1/2014 04:47
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.0	µg/Kg-dry	1	4/1/2014 04:47
2-Methylnaphthalene	U		3.3	8.0	µg/Kg-dry	1	4/1/2014 04:47
Acenaphthene	**23**		**1.2**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Acenaphthylene	U		1.5	8.0	µg/Kg-dry	1	4/1/2014 04:47
Anthracene	**75**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Benzo(a)anthracene	**300**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Benzo(a)pyrene	**340**		**2.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Benzo(b)fluoranthene	**400**		**2.3**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Benzo(g,h,i)perylene	**270**		**3.1**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Benzo(k)fluoranthene	**150**		**1.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Chrysene	**340**		**1.9**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Dibenzo(a,h)anthracene	**56**		**3.0**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Fluoranthene	**600**		**2.8**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Fluorene	**21**		**2.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Indeno(1,2,3-cd)pyrene	**310**		**2.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Naphthalene	U		2.9	8.0	µg/Kg-dry	1	4/1/2014 04:47
Phenanthrene	**410**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Pyrene	**640**		**2.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 04:47
Surr: 2-Fluorobiphenyl	*73.2*			*12-100*	*%REC*	1	4/1/2014 04:47
Surr: 4-Terphenyl-d14	*109*			*25-137*	*%REC*	1	4/1/2014 04:47
Surr: Nitrobenzene-d5	*67.0*			*37-107*	*%REC*	1	4/1/2014 04:47
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,100	µg/Kg-dry	1	3/26/2014 19:49
Surr: Toluene-d8	*97.2*			*70-130*	*%REC*	1	3/26/2014 19:49
VOLATILE ORGANIC COMPOUNDS		Method: **SW8260**					Analyst: **AK**
1,1,1-Trichloroethane	U		0.22	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,1,2,2-Tetrachloroethane	U		0.14	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,1,2-Trichloroethane	U		0.19	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,1,2-Trichlorotrifluoroethane	U		0.28	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,1-Dichloroethane	U		0.25	5.0	µg/Kg-dry	0.816	3/28/2014 12:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-2 (4-6)
Collection Date: 3/24/2014 01:29 PM

Work Order: 14031107
Lab ID: 14031107-12
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.23	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2,4-Trichlorobenzene	U		0.21	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2-Dibromo-3-chloropropane	U		0.20	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2-Dibromoethane	U		0.20	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2-Dichlorobenzene	U		0.20	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2-Dichloroethane	U		0.28	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,2-Dichloropropane	U		0.26	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,3-Dichlorobenzene	U		0.19	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
1,4-Dichlorobenzene	U		0.21	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
2-Butanone	**6.8**	J	**0.77**	**10**	**µg/Kg-dry**	0.816	3/28/2014 12:41
2-Hexanone	U		0.30	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
4-Methyl-2-pentanone	U		0.20	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Acetone	**51**		**0.94**	**10**	**µg/Kg-dry**	0.816	3/28/2014 12:41
Benzene	U		0.25	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Bromodichloromethane	U		0.21	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Bromoform	U		0.15	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Bromomethane	U		0.35	10	µg/Kg-dry	0.816	3/28/2014 12:41
Carbon disulfide	U		0.37	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Carbon tetrachloride	U		0.20	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Chlorobenzene	U		0.22	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Chloroethane	U		0.56	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Chloroform	U		0.26	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Chloromethane	U		0.31	10	µg/Kg-dry	0.816	3/28/2014 12:41
cis-1,2-Dichloroethene	U		0.30	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
cis-1,3-Dichloropropene	U		0.18	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Cyclohexane	U		0.32	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Dibromochloromethane	U		0.17	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Dichlorodifluoromethane	U		0.33	10	µg/Kg-dry	0.816	3/28/2014 12:41
Ethylbenzene	U		0.19	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Isopropylbenzene	U		0.19	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
m,p-Xylene	U		0.38	2.5	µg/Kg-dry	0.816	3/28/2014 12:41
Methyl acetate	U		0.80	10	µg/Kg-dry	0.816	3/28/2014 12:41
Methyl tert-butyl ether	U		0.25	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Methylcyclohexane	U		0.28	10	µg/Kg-dry	0.816	3/28/2014 12:41
Methylene chloride	**1.3**	J	**0.28**	**5.0**	**µg/Kg-dry**	0.816	3/28/2014 12:41
o-Xylene	U		0.20	2.5	µg/Kg-dry	0.816	3/28/2014 12:41
Styrene	U		0.18	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Tetrachloroethene	U		0.30	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Toluene	U		0.24	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
trans-1,2-Dichloroethene	U		0.29	5.0	µg/Kg-dry	0.816	3/28/2014 12:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-2 (4-6)
Collection Date: 3/24/2014 01:29 PM

Work Order: 14031107
Lab ID: 14031107-12
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.19	10	µg/Kg-dry	0.816	3/28/2014 12:41
Trichloroethene	U		0.23	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Trichlorofluoromethane	U		1.2	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Vinyl chloride	U		0.30	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Xylenes, Total	U		0.58	5.0	µg/Kg-dry	0.816	3/28/2014 12:41
Surr: 1,2-Dichloroethane-d4	*119*			*70-120*	*%REC*	0.816	3/28/2014 12:41
Surr: 4-Bromofluorobenzene	*97.2*			*75-120*	*%REC*	0.816	3/28/2014 12:41
Surr: Dibromofluoromethane	*21.0*	S		*85-115*	*%REC*	0.816	3/28/2014 12:41
Surr: Toluene-d8	*95.6*			*85-120*	*%REC*	0.816	3/28/2014 12:41
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**18**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-3 (14-16)
Collection Date: 3/24/2014 02:03 PM

Work Order: 14031107
Lab ID: 14031107-13
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**15**		**0.0016**	**0.40**	**mg/Kg-dry**	1	3/31/2014 21:13
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.5	mg/Kg-dry	1	4/1/2014 02:20
ORO (C21-C35)	U		1.7	3.5	mg/Kg-dry	1	4/1/2014 02:20
Surr: 4-Terphenyl-d14	*115*			*25-137*	*%REC*	1	4/1/2014 02:20
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.0	µg/Kg-dry	1	4/1/2014 02:20
2-Methylnaphthalene	U		3.3	8.0	µg/Kg-dry	1	4/1/2014 02:20
Acenaphthene	U		1.2	8.0	µg/Kg-dry	1	4/1/2014 02:20
Acenaphthylene	U		1.5	8.0	µg/Kg-dry	1	4/1/2014 02:20
Anthracene	U		1.6	8.0	µg/Kg-dry	1	4/1/2014 02:20
Benzo(a)anthracene	U		1.6	8.0	µg/Kg-dry	1	4/1/2014 02:20
Benzo(a)pyrene	U		2.6	8.0	µg/Kg-dry	1	4/1/2014 02:20
Benzo(b)fluoranthene	U		2.3	8.0	µg/Kg-dry	1	4/1/2014 02:20
Benzo(g,h,i)perylene	U		3.1	8.0	µg/Kg-dry	1	4/1/2014 02:20
Benzo(k)fluoranthene	U		1.7	8.0	µg/Kg-dry	1	4/1/2014 02:20
Chrysene	U		1.9	8.0	µg/Kg-dry	1	4/1/2014 02:20
Dibenzo(a,h)anthracene	U		3.0	8.0	µg/Kg-dry	1	4/1/2014 02:20
Fluoranthene	U		2.8	8.0	µg/Kg-dry	1	4/1/2014 02:20
Fluorene	U		2.7	8.0	µg/Kg-dry	1	4/1/2014 02:20
Indeno(1,2,3-cd)pyrene	U		2.7	8.0	µg/Kg-dry	1	4/1/2014 02:20
Naphthalene	U		2.9	8.0	µg/Kg-dry	1	4/1/2014 02:20
Phenanthrene	U		1.6	8.0	µg/Kg-dry	1	4/1/2014 02:20
Pyrene	U		2.7	8.0	µg/Kg-dry	1	4/1/2014 02:20
Surr: 2-Fluorobiphenyl	*82.7*			*12-100*	*%REC*	1	4/1/2014 02:20
Surr: 4-Terphenyl-d14	*115*			*25-137*	*%REC*	1	4/1/2014 02:20
Surr: Nitrobenzene-d5	*85.4*			*37-107*	*%REC*	1	4/1/2014 02:20
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,000	µg/Kg-dry	1	3/26/2014 20:16
Surr: Toluene-d8	*96.0*			*70-130*	*%REC*	1	3/26/2014 20:16
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.23	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,1,2,2-Tetrachloroethane	U		0.15	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,1,2-Trichloroethane	U		0.20	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,1,2-Trichlorotrifluoroethane	U		0.30	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,1-Dichloroethane	U		0.27	5.3	µg/Kg-dry	0.883	3/28/2014 13:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-3 (14-16)
Collection Date: 3/24/2014 02:03 PM

Work Order: 14031107
Lab ID: 14031107-13
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.24	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2,4-Trichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2-Dibromo-3-chloropropane	U		0.21	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2-Dibromoethane	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2-Dichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2-Dichloroethane	U		0.30	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,2-Dichloropropane	U		0.28	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,3-Dichlorobenzene	U		0.20	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
1,4-Dichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
2-Butanone	U		0.82	11	µg/Kg-dry	0.883	3/28/2014 13:07
2-Hexanone	U		0.32	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
4-Methyl-2-pentanone	U		0.21	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Acetone	**15**		**1.0**	**11**	**µg/Kg-dry**	0.883	3/28/2014 13:07
Benzene	U		0.26	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Bromodichloromethane	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Bromoform	U		0.16	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Bromomethane	U		0.37	11	µg/Kg-dry	0.883	3/28/2014 13:07
Carbon disulfide	U		0.39	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Carbon tetrachloride	U		0.22	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Chlorobenzene	U		0.24	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Chloroethane	U		0.60	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Chloroform	U		0.28	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Chloromethane	U		0.33	11	µg/Kg-dry	0.883	3/28/2014 13:07
cis-1,2-Dichloroethene	U		0.32	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
cis-1,3-Dichloropropene	U		0.19	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Cyclohexane	U		0.34	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Dibromochloromethane	U		0.18	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Dichlorodifluoromethane	U		0.35	11	µg/Kg-dry	0.883	3/28/2014 13:07
Ethylbenzene	U		0.21	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Isopropylbenzene	U		0.21	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
m,p-Xylene	U		0.40	2.7	µg/Kg-dry	0.883	3/28/2014 13:07
Methyl acetate	U		0.86	11	µg/Kg-dry	0.883	3/28/2014 13:07
Methyl tert-butyl ether	U		0.27	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Methylcyclohexane	U		0.30	11	µg/Kg-dry	0.883	3/28/2014 13:07
Methylene chloride	**0.66**	**J**	**0.30**	**5.3**	**µg/Kg-dry**	0.883	3/28/2014 13:07
o-Xylene	U		0.21	2.7	µg/Kg-dry	0.883	3/28/2014 13:07
Styrene	U		0.19	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Tetrachloroethene	U		0.32	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Toluene	U		0.25	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
trans-1,2-Dichloroethene	U		0.31	5.3	µg/Kg-dry	0.883	3/28/2014 13:07

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-3 (14-16)
Collection Date: 3/24/2014 02:03 PM

Work Order: 14031107
Lab ID: 14031107-13
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.20	11	µg/Kg-dry	0.883	3/28/2014 13:07
Trichloroethene	U		0.25	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Trichlorofluoromethane	U		1.2	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Vinyl chloride	U		0.32	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Xylenes, Total	U		0.61	5.3	µg/Kg-dry	0.883	3/28/2014 13:07
Surr: 1,2-Dichloroethane-d4	*119*			*70-120*	*%REC*	0.883	3/28/2014 13:07
Surr: 4-Bromofluorobenzene	*97.8*			*75-120*	*%REC*	0.883	3/28/2014 13:07
Surr: Dibromofluoromethane	*37.4*	S		*85-115*	*%REC*	0.883	3/28/2014 13:07
Surr: Toluene-d8	*96.7*			*85-120*	*%REC*	0.883	3/28/2014 13:07
MOISTURE			Method: **A2540 G**				Analyst: **AT**
Moisture	**17**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-4 (3-4)
Collection Date: 3/24/2014 02:32 PM

Work Order: 14031107
Lab ID: 14031107-14
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**12**		**0.0017**	**0.42**	**mg/Kg-dry**	1	3/31/2014 21:19
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.6	3.7	mg/Kg-dry	1	4/1/2014 02:44
ORO (C21-C35)	U		1.7	3.7	mg/Kg-dry	1	4/1/2014 02:44
Surr: 4-Terphenyl-d14	*96.3*			*25-137*	*%REC*	1	4/1/2014 02:44
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		2.0	8.4	µg/Kg-dry	1	4/1/2014 02:44
2-Methylnaphthalene	U		3.5	8.4	µg/Kg-dry	1	4/1/2014 02:44
Acenaphthene	U		1.2	8.4	µg/Kg-dry	1	4/1/2014 02:44
Acenaphthylene	U		1.5	8.4	µg/Kg-dry	1	4/1/2014 02:44
Anthracene	U		1.6	8.4	µg/Kg-dry	1	4/1/2014 02:44
Benzo(a)anthracene	**25**		**1.6**	**8.4**	**µg/Kg-dry**	1	4/1/2014 02:44
Benzo(a)pyrene	U		2.7	8.4	µg/Kg-dry	1	4/1/2014 02:44
Benzo(b)fluoranthene	U		2.4	8.4	µg/Kg-dry	1	4/1/2014 02:44
Benzo(g,h,i)perylene	U		3.3	8.4	µg/Kg-dry	1	4/1/2014 02:44
Benzo(k)fluoranthene	U		1.8	8.4	µg/Kg-dry	1	4/1/2014 02:44
Chrysene	**22**		**2.0**	**8.4**	**µg/Kg-dry**	1	4/1/2014 02:44
Dibenzo(a,h)anthracene	U		3.1	8.4	µg/Kg-dry	1	4/1/2014 02:44
Fluoranthene	**59**		**2.9**	**8.4**	**µg/Kg-dry**	1	4/1/2014 02:44
Fluorene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 02:44
Indeno(1,2,3-cd)pyrene	U		2.8	8.4	µg/Kg-dry	1	4/1/2014 02:44
Naphthalene	U		3.1	8.4	µg/Kg-dry	1	4/1/2014 02:44
Phenanthrene	**23**		**1.7**	**8.4**	**µg/Kg-dry**	1	4/1/2014 02:44
Pyrene	**46**		**2.8**	**8.4**	**µg/Kg-dry**	1	4/1/2014 02:44
Surr: 2-Fluorobiphenyl	*69.7*			*12-100*	*%REC*	1	4/1/2014 02:44
Surr: 4-Terphenyl-d14	*96.3*			*25-137*	*%REC*	1	4/1/2014 02:44
Surr: Nitrobenzene-d5	*69.5*			*37-107*	*%REC*	1	4/1/2014 02:44
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,600	3,200	µg/Kg-dry	1	3/26/2014 20:43
Surr: Toluene-d8	*96.3*			*70-130*	*%REC*	1	3/26/2014 20:43
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.24	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,1,2,2-Tetrachloroethane	U		0.15	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,1,2-Trichloroethane	U		0.21	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,1,2-Trichlorotrifluoroethane	U		0.30	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,1-Dichloroethane	U		0.28	5.4	µg/Kg-dry	0.861	3/31/2014 11:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-4 (3-4)
Collection Date: 3/24/2014 02:32 PM

Work Order: 14031107
Lab ID: 14031107-14
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.25	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2,4-Trichlorobenzene	U		0.23	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2-Dibromo-3-chloropropane	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2-Dibromoethane	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2-Dichlorobenzene	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2-Dichloroethane	U		0.30	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,2-Dichloropropane	U		0.28	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,3-Dichlorobenzene	U		0.20	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
1,4-Dichlorobenzene	U		0.23	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
2-Butanone	**6.8**	J	**0.84**	**11**	**µg/Kg-dry**	0.861	3/31/2014 11:37
2-Hexanone	U		0.33	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
4-Methyl-2-pentanone	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Acetone	**48**		**1.0**	**11**	**µg/Kg-dry**	0.861	3/31/2014 11:37
Benzene	U		0.27	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Bromodichloromethane	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Bromoform	U		0.17	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Bromomethane	U		0.38	11	µg/Kg-dry	0.861	3/31/2014 11:37
Carbon disulfide	U		0.40	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Carbon tetrachloride	U		0.22	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Chlorobenzene	U		0.24	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Chloroethane	U		0.61	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Chloroform	U		0.29	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Chloromethane	U		0.33	11	µg/Kg-dry	0.861	3/31/2014 11:37
cis-1,2-Dichloroethene	U		0.32	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
cis-1,3-Dichloropropene	U		0.20	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Cyclohexane	U		0.35	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Dibromochloromethane	U		0.18	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Dichlorodifluoromethane	U		0.36	11	µg/Kg-dry	0.861	3/31/2014 11:37
Ethylbenzene	U		0.21	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Isopropylbenzene	U		0.21	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
m,p-Xylene	U		0.41	2.7	µg/Kg-dry	0.861	3/31/2014 11:37
Methyl acetate	U		0.88	11	µg/Kg-dry	0.861	3/31/2014 11:37
Methyl tert-butyl ether	U		0.28	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Methylcyclohexane	U		0.30	11	µg/Kg-dry	0.861	3/31/2014 11:37
Methylene chloride	**1.4**	J	**0.31**	**5.4**	**µg/Kg-dry**	0.861	3/31/2014 11:37
o-Xylene	U		0.22	2.7	µg/Kg-dry	0.861	3/31/2014 11:37
Styrene	U		0.20	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Tetrachloroethene	U		0.33	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Toluene	**0.45**	J	**0.26**	**5.4**	**µg/Kg-dry**	0.861	3/31/2014 11:37
trans-1,2-Dichloroethene	U		0.32	5.4	µg/Kg-dry	0.861	3/31/2014 11:37

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-4 (3-4)
Collection Date: 3/24/2014 02:32 PM

Work Order: 14031107
Lab ID: 14031107-14
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.20	11	µg/Kg-dry	0.861	3/31/2014 11:37
Trichloroethene	U		0.25	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Trichlorofluoromethane	U		1.3	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Vinyl chloride	U		0.33	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Xylenes, Total	U		0.63	5.4	µg/Kg-dry	0.861	3/31/2014 11:37
Surr: 1,2-Dichloroethane-d4	*113*			*70-120*	*%REC*	0.861	3/31/2014 11:37
Surr: 4-Bromofluorobenzene	*97.0*			*75-120*	*%REC*	0.861	3/31/2014 11:37
Surr: Dibromofluoromethane	*19.2*	S		*85-115*	*%REC*	0.861	3/31/2014 11:37
Surr: Toluene-d8	*95.3*			*85-120*	*%REC*	0.861	3/31/2014 11:37
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**21**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-5 (3-4)
Collection Date: 3/24/2014 02:41 PM

Work Order: 14031107
Lab ID: 14031107-15
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**8.8**		**0.0019**	**0.47**	**mg/Kg-dry**	1	3/31/2014 21:25
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.6	mg/Kg-dry	1	4/1/2014 03:09
ORO (C21-C35)	U		1.7	3.6	mg/Kg-dry	1	4/1/2014 03:09
Surr: 4-Terphenyl-d14	*124*			*25-137*	*%REC*	1	4/1/2014 03:09
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.2	µg/Kg-dry	1	4/1/2014 03:09
2-Methylnaphthalene	U		3.4	8.2	µg/Kg-dry	1	4/1/2014 03:09
Acenaphthene	U		1.2	8.2	µg/Kg-dry	1	4/1/2014 03:09
Acenaphthylene	U		1.5	8.2	µg/Kg-dry	1	4/1/2014 03:09
Anthracene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 03:09
Benzo(a)anthracene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 03:09
Benzo(a)pyrene	U		2.7	8.2	µg/Kg-dry	1	4/1/2014 03:09
Benzo(b)fluoranthene	U		2.4	8.2	µg/Kg-dry	1	4/1/2014 03:09
Benzo(g,h,i)perylene	U		3.2	8.2	µg/Kg-dry	1	4/1/2014 03:09
Benzo(k)fluoranthene	U		1.7	8.2	µg/Kg-dry	1	4/1/2014 03:09
Chrysene	U		1.9	8.2	µg/Kg-dry	1	4/1/2014 03:09
Dibenzo(a,h)anthracene	U		3.0	8.2	µg/Kg-dry	1	4/1/2014 03:09
Fluoranthene	U		2.9	8.2	µg/Kg-dry	1	4/1/2014 03:09
Fluorene	U		2.8	8.2	µg/Kg-dry	1	4/1/2014 03:09
Indeno(1,2,3-cd)pyrene	U		2.7	8.2	µg/Kg-dry	1	4/1/2014 03:09
Naphthalene	U		3.0	8.2	µg/Kg-dry	1	4/1/2014 03:09
Phenanthrene	U		1.6	8.2	µg/Kg-dry	1	4/1/2014 03:09
Pyrene	U		2.8	8.2	µg/Kg-dry	1	4/1/2014 03:09
Surr: 2-Fluorobiphenyl	*81.7*			*12-100*	*%REC*	1	4/1/2014 03:09
Surr: 4-Terphenyl-d14	*124*			*25-137*	*%REC*	1	4/1/2014 03:09
Surr: Nitrobenzene-d5	*82.0*			*37-107*	*%REC*	1	4/1/2014 03:09
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,600	3,100	µg/Kg-dry	1	3/26/2014 21:09
Surr: Toluene-d8	*96.2*			*70-130*	*%REC*	1	3/26/2014 21:09
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.22	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,1,2,2-Tetrachloroethane	U		0.14	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,1,2-Trichloroethane	U		0.19	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,1,2-Trichlorotrifluoroethane	U		0.28	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,1-Dichloroethane	U		0.25	5.0	µg/Kg-dry	0.798	3/28/2014 13:58

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-5 (3-4)
Collection Date: 3/24/2014 02:41 PM

Work Order: 14031107
Lab ID: 14031107-15
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.23	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2,4-Trichlorobenzene	U		0.21	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2-Dibromo-3-chloropropane	U		0.20	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2-Dibromoethane	U		0.20	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2-Dichlorobenzene	U		0.20	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2-Dichloroethane	U		0.28	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,2-Dichloropropane	U		0.26	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,3-Dichlorobenzene	U		0.19	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
1,4-Dichlorobenzene	U		0.21	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
2-Butanone	**3.7**	J	**0.77**	**10**	**µg/Kg-dry**	0.798	3/28/2014 13:58
2-Hexanone	U		0.30	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
4-Methyl-2-pentanone	U		0.20	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Acetone	**31**		**0.94**	**10**	**µg/Kg-dry**	0.798	3/28/2014 13:58
Benzene	U		0.25	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Bromodichloromethane	U		0.21	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Bromoform	U		0.15	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Bromomethane	U		0.35	10	µg/Kg-dry	0.798	3/28/2014 13:58
Carbon disulfide	U		0.37	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Carbon tetrachloride	U		0.20	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Chlorobenzene	U		0.22	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Chloroethane	U		0.56	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Chloroform	U		0.26	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Chloromethane	U		0.31	10	µg/Kg-dry	0.798	3/28/2014 13:58
cis-1,2-Dichloroethene	U		0.30	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
cis-1,3-Dichloropropene	U		0.18	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Cyclohexane	U		0.32	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Dibromochloromethane	U		0.17	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Dichlorodifluoromethane	U		0.33	10	µg/Kg-dry	0.798	3/28/2014 13:58
Ethylbenzene	U		0.19	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Isopropylbenzene	U		0.19	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
m,p-Xylene	U		0.38	2.5	µg/Kg-dry	0.798	3/28/2014 13:58
Methyl acetate	U		0.80	10	µg/Kg-dry	0.798	3/28/2014 13:58
Methyl tert-butyl ether	U		0.25	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Methylcyclohexane	U		0.28	10	µg/Kg-dry	0.798	3/28/2014 13:58
Methylene chloride	**2.1**	J	**0.28**	**5.0**	**µg/Kg-dry**	0.798	3/28/2014 13:58
o-Xylene	U		0.20	2.5	µg/Kg-dry	0.798	3/28/2014 13:58
Styrene	U		0.18	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Tetrachloroethene	U		0.30	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Toluene	**0.45**	J	**0.24**	**5.0**	**µg/Kg-dry**	0.798	3/28/2014 13:58
trans-1,2-Dichloroethene	U		0.29	5.0	µg/Kg-dry	0.798	3/28/2014 13:58

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-5 (3-4)
Collection Date: 3/24/2014 02:41 PM

Work Order: 14031107
Lab ID: 14031107-15
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.19	10	µg/Kg-dry	0.798	3/28/2014 13:58
Trichloroethene	U		0.23	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Trichlorofluoromethane	U		1.2	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Vinyl chloride	U		0.30	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Xylenes, Total	U		0.57	5.0	µg/Kg-dry	0.798	3/28/2014 13:58
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.798	3/28/2014 13:58
Surr: 4-Bromofluorobenzene	*98.8*			*75-120*	*%REC*	0.798	3/28/2014 13:58
Surr: Dibromofluoromethane	*22.0*	S		*85-115*	*%REC*	0.798	3/28/2014 13:58
Surr: Toluene-d8	*95.8*			*85-120*	*%REC*	0.798	3/28/2014 13:58
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**20**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-6 (1-3)
Collection Date: 3/24/2014 02:49 PM

Work Order: 14031107
Lab ID: 14031107-16
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS		Method: **SW6020A**			Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**260**		**0.019**	**4.8**	**mg/Kg-dry**	10	4/1/2014 12:06
DIESEL RANGE ORGANICS BY GC-MS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**97**		**1.5**	**3.5**	**mg/Kg-dry**	1	4/1/2014 05:12
ORO (C21-C35)	**80**		**1.7**	**3.5**	**mg/Kg-dry**	1	4/1/2014 05:12
Surr: 4-Terphenyl-d14	*107*			*25-137*	*%REC*	1	4/1/2014 05:12
SEMI-VOLATILE ORGANIC COMPOUNDS		Method: **SW8270**			Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.0	µg/Kg-dry	1	4/1/2014 05:12
2-Methylnaphthalene	**610**		**3.3**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Acenaphthene	**68**		**1.2**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Acenaphthylene	**82**		**1.4**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Anthracene	**310**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Benzo(a)anthracene	**1,300**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Benzo(a)pyrene	**1,500**		**2.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Benzo(b)fluoranthene	**2,000**		**2.3**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Benzo(g,h,i)perylene	**1,500**		**3.1**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Benzo(k)fluoranthene	**660**		**1.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Chrysene	**1,400**		**1.9**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Dibenzo(a,h)anthracene	**380**		**3.0**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Fluoranthene	**2,100**		**2.8**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Fluorene	**69**		**2.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Indeno(1,2,3-cd)pyrene	**1,500**		**2.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Naphthalene	**320**		**2.9**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Phenanthrene	**1,200**		**1.6**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Pyrene	**2,300**		**2.7**	**8.0**	**µg/Kg-dry**	1	4/1/2014 05:12
Surr: 2-Fluorobiphenyl	*82.3*			*12-100*	*%REC*	1	4/1/2014 05:12
Surr: 4-Terphenyl-d14	*107*			*25-137*	*%REC*	1	4/1/2014 05:12
Surr: Nitrobenzene-d5	*75.9*			*37-107*	*%REC*	1	4/1/2014 05:12
GASOLINE RANGE ORGANICS BY GC-MS		Method: **SW8260GRO**			Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	**6,900**		**1,500**	**3,000**	**µg/Kg-dry**	1	3/26/2014 21:35
Surr: Toluene-d8	*96.0*			*70-130*	*%REC*	1	3/26/2014 21:35
~~**VOLATILE ORGANIC COMPOUNDS**~~		~~Method: **SW8260B**~~			~~Prep: SW5035 / 3/26/14~~		~~Analyst: **BG**~~
1,1,1-Trichloroethane	U		14	36	µg/Kg-dry	1	3/26/2014 21:35
1,1,2,2-Tetrachloroethane	U		16	36	µg/Kg-dry	1	3/26/2014 21:35
~~1,1,2-Trichloroethane~~	~~U~~		~~13~~	~~36~~	~~µg/Kg-dry~~	~~1~~	~~3/26/2014 21:35~~
~~1,1,2-Trichlorotrifluoroethane~~	~~U~~		~~13~~	~~36~~	~~µg/Kg-dry~~	~~1~~	~~3/26/2014 21:35~~
1,1-Dichloroethane	U		13	36	µg/Kg-dry	1	3/26/2014 21:35

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-6 (1-3)
Collection Date: 3/24/2014 02:49 PM

Work Order: 14031107
Lab ID: 14031107-16
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
1,2,4-Trichlorobenzene	U		19	36	µg/Kg-dry	1	3/26/2014 21:35
1,2-Dibromo-3-chloropropane	U		18	36	µg/Kg-dry	1	3/26/2014 21:35
1,2-Dibromoethane	U		14	36	µg/Kg-dry	1	3/26/2014 21:35
1,2-Dichlorobenzene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
1,2-Dichloroethane	U		17	36	µg/Kg-dry	1	3/26/2014 21:35
1,2-Dichloropropane	U		12	36	µg/Kg-dry	1	3/26/2014 21:35
1,3-Dichlorobenzene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
1,4-Dichlorobenzene	U		14	36	µg/Kg-dry	1	3/26/2014 21:35
2-Butanone	U		90	240	µg/Kg-dry	1	3/26/2014 21:35
2-Hexanone	U		8.9	36	µg/Kg-dry	1	3/26/2014 21:35
4-Methyl-2-pentanone	U		12	36	µg/Kg-dry	1	3/26/2014 21:35
Acetone	U		77	120	µg/Kg-dry	1	3/26/2014 21:35
Benzene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
Bromodichloromethane	U		8.2	36	µg/Kg-dry	1	3/26/2014 21:35
Bromoform	U		7.2	36	µg/Kg-dry	1	3/26/2014 21:35
Bromomethane	U		14	91	µg/Kg-dry	1	3/26/2014 21:35
Carbon disulfide	**46**		**18**	**36**	**µg/Kg-dry**	1	3/26/2014 21:35
Carbon tetrachloride	U		10	36	µg/Kg-dry	1	3/26/2014 21:35
Chlorobenzene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
Chloroethane	U		77	120	µg/Kg-dry	1	3/26/2014 21:35
Chloroform	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
Chloromethane	U		20	120	µg/Kg-dry	1	3/26/2014 21:35
cis-1,2-Dichloroethene	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
cis-1,3-Dichloropropene	U		12	36	µg/Kg-dry	1	3/26/2014 21:35
Cyclohexane	U		16	36	µg/Kg-dry	1	3/26/2014 21:35
Dibromochloromethane	U		6.7	36	µg/Kg-dry	1	3/26/2014 21:35
Dichlorodifluoromethane	U		16	36	µg/Kg-dry	1	3/26/2014 21:35
Ethylbenzene	**94**		**14**	**36**	**µg/Kg-dry**	1	3/26/2014 21:35
Isopropylbenzene	**16**	J	**16**	**36**	**µg/Kg-dry**	1	3/26/2014 21:35
m,p-Xylene	**620**		**28**	**73**	**µg/Kg-dry**	1	3/26/2014 21:35
Methyl acetate	U		49	240	µg/Kg-dry	1	3/26/2014 21:35
Methyl tert-butyl ether	U		15	36	µg/Kg-dry	1	3/26/2014 21:35
Methylcyclohexane	U		17	36	µg/Kg-dry	1	3/26/2014 21:35
Methylene chloride	U		14	36	µg/Kg-dry	1	3/26/2014 21:35
o-Xylene	**310**		**15**	**36**	**µg/Kg-dry**	1	3/26/2014 21:35
Styrene	U		14	36	µg/Kg-dry	1	3/26/2014 21:35
Tetrachloroethene	U		16	36	µg/Kg-dry	1	3/26/2014 21:35
Toluene	**73**		**14**	**36**	**µg/Kg-dry**	1	3/26/2014 21:35
trans-1,2-Dichloroethene	U		11	36	µg/Kg-dry	1	3/26/2014 21:35

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-6 (1-3)
Collection Date: 3/24/2014 02:49 PM

Work Order: 14031107
Lab ID: 14031107-16
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		12	36	µg/Kg-dry	1	3/26/2014 21:35
Trichloroethene	U		17	36	µg/Kg-dry	1	3/26/2014 21:35
Trichlorofluoromethane	U		10	36	µg/Kg-dry	1	3/26/2014 21:35
Vinyl chloride	U		16	36	µg/Kg-dry	1	3/26/2014 21:35
Xylenes, Total	**930**		**43**	**110**	**µg/Kg-dry**	1	3/26/2014 21:35
Surr: 1,2-Dichloroethane-d4	*100*			*70-130*	*%REC*	1	3/26/2014 21:35
Surr: 4-Bromofluorobenzene	*98.6*			*70-130*	*%REC*	1	3/26/2014 21:35
Surr: Dibromofluoromethane	*93.6*			*70-130*	*%REC*	1	3/26/2014 21:35
Surr: Toluene-d8	*98.6*			*70-130*	*%REC*	1	3/26/2014 21:35
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**18**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-7 (4-5)
Collection Date: 3/24/2014 03:34 PM

Work Order: 14031107
Lab ID: 14031107-17
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**94**		**0.0016**	**0.39**	**mg/Kg-dry**	1	3/31/2014 21:37
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	**120**		**1.5**	**3.5**	**mg/Kg-dry**	1	4/1/2014 05:36
ORO (C21-C35)	**350**		**1.7**	**3.5**	**mg/Kg-dry**	1	4/1/2014 05:36
Surr: 4-Terphenyl-d14	*78.7*			*25-137*	*%REC*	1	4/1/2014 05:36
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.9	8.1	µg/Kg-dry	1	4/1/2014 05:36
2-Methylnaphthalene	**730**		**3.4**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Acenaphthene	**2,300**		**1.2**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Acenaphthylene	**890**		**1.5**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Anthracene	**7,800**		**40**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Benzo(a)anthracene	**16,000**		**40**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Benzo(a)pyrene	**15,000**		**66**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Benzo(b)fluoranthene	**16,000**		**59**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Benzo(g,h,i)perylene	**11,000**		**80**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Benzo(k)fluoranthene	**6,200**		**43**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Chrysene	**15,000**		**48**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Dibenzo(a,h)anthracene	**890**		**3.0**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Fluoranthene	**35,000**		**71**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Fluorene	**2,200**		**2.7**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Indeno(1,2,3-cd)pyrene	**12,000**		**67**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Naphthalene	**2,300**		**3.0**	**8.1**	**µg/Kg-dry**	1	4/1/2014 05:36
Phenanthrene	**29,000**		**41**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Pyrene	**31,000**		**68**	**200**	**µg/Kg-dry**	25	4/2/2014 01:52
Surr: 2-Fluorobiphenyl	*82.0*			*12-100*	*%REC*	1	4/1/2014 05:36
Surr: 4-Terphenyl-d14	*78.7*			*25-137*	*%REC*	1	4/1/2014 05:36
Surr: Nitrobenzene-d5	*66.1*			*37-107*	*%REC*	1	4/1/2014 05:36
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,100	µg/Kg-dry	1	3/26/2014 22:02
Surr: Toluene-d8	*97.1*			*70-130*	*%REC*	1	3/26/2014 22:02
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.23	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,1,2,2-Tetrachloroethane	U		0.15	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,1,2-Trichloroethane	U		0.20	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,1,2-Trichlorotrifluoroethane	U		0.29	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,1-Dichloroethane	U		0.27	5.3	µg/Kg-dry	0.852	3/28/2014 14:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-7 (4-5)
Collection Date: 3/24/2014 03:34 PM

Work Order: 14031107
Lab ID: 14031107-17
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.24	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2,4-Trichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2-Dibromo-3-chloropropane	U		0.21	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2-Dibromoethane	U		0.21	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2-Dichlorobenzene	U		0.21	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2-Dichloroethane	U		0.29	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,2-Dichloropropane	U		0.27	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,3-Dichlorobenzene	U		0.20	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
1,4-Dichlorobenzene	U		0.22	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
2-Butanone	**12**		**0.81**	**11**	**µg/Kg-dry**	0.852	3/28/2014 14:24
2-Hexanone	U		0.32	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
4-Methyl-2-pentanone	U		0.21	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Acetone	**74**		**0.99**	**11**	**µg/Kg-dry**	0.852	3/28/2014 14:24
Benzene	U		0.26	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Bromodichloromethane	U		0.22	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Bromoform	U		0.16	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Bromomethane	U		0.37	11	µg/Kg-dry	0.852	3/28/2014 14:24
Carbon disulfide	U		0.39	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Carbon tetrachloride	U		0.21	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Chlorobenzene	U		0.23	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Chloroethane	U		0.59	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Chloroform	U		0.28	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Chloromethane	U		0.32	11	µg/Kg-dry	0.852	3/28/2014 14:24
cis-1,2-Dichloroethene	U		0.31	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
cis-1,3-Dichloropropene	U		0.19	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Cyclohexane	U		0.34	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Dibromochloromethane	U		0.18	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Dichlorodifluoromethane	U		0.35	11	µg/Kg-dry	0.852	3/28/2014 14:24
Ethylbenzene	U		0.20	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Isopropylbenzene	U		0.20	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
m,p-Xylene	U		0.40	2.6	µg/Kg-dry	0.852	3/28/2014 14:24
Methyl acetate	U		0.85	11	µg/Kg-dry	0.852	3/28/2014 14:24
Methyl tert-butyl ether	U		0.27	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Methylcyclohexane	U		0.29	11	µg/Kg-dry	0.852	3/28/2014 14:24
Methylene chloride	**2.2**	J	**0.30**	**5.3**	**µg/Kg-dry**	0.852	3/28/2014 14:24
o-Xylene	U		0.21	2.6	µg/Kg-dry	0.852	3/28/2014 14:24
Styrene	U		0.19	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Tetrachloroethene	U		0.32	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Toluene	**0.79**	J	**0.25**	**5.3**	**µg/Kg-dry**	0.852	3/28/2014 14:24
trans-1,2-Dichloroethene	U		0.31	5.3	µg/Kg-dry	0.852	3/28/2014 14:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-7 (4-5)
Collection Date: 3/24/2014 03:34 PM

Work Order: 14031107
Lab ID: 14031107-17
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.20	11	µg/Kg-dry	0.852	3/28/2014 14:24
Trichloroethene	U		0.25	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Trichlorofluoromethane	U		1.2	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Vinyl chloride	U		0.32	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Xylenes, Total	U		0.61	5.3	µg/Kg-dry	0.852	3/28/2014 14:24
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.852	3/28/2014 14:24
Surr: 4-Bromofluorobenzene	*97.9*			*75-120*	*%REC*	0.852	3/28/2014 14:24
Surr: Dibromofluoromethane	*25.6*	S		*85-115*	*%REC*	0.852	3/28/2014 14:24
Surr: Toluene-d8	*96.8*			*85-120*	*%REC*	0.852	3/28/2014 14:24
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**19**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-8 (14-16)
Collection Date: 3/24/2014 04:03 PM

Work Order: 14031107
Lab ID: 14031107-18
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			Method: **SW6020A**		Prep: SW3050B / 3/31/14		Analyst: **ML**
Lead	**19**		**0.0016**	**0.40**	**mg/Kg-dry**	1	3/31/2014 21:43
DIESEL RANGE ORGANICS BY GC-MS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
DRO (C10-C21)	U		1.5	3.4	mg/Kg-dry	1	4/1/2014 06:01
ORO (C21-C35)	U		1.6	3.4	mg/Kg-dry	1	4/1/2014 06:01
Surr: 4-Terphenyl-d14	*94.2*			*25-137*	*%REC*	1	4/1/2014 06:01
SEMI-VOLATILE ORGANIC COMPOUNDS			Method: **SW8270**		Prep: SW3541 / 3/27/14		Analyst: **RM**
2-Chloronaphthalene	U		1.8	7.8	µg/Kg-dry	1	4/1/2014 06:01
2-Methylnaphthalene	U		3.2	7.8	µg/Kg-dry	1	4/1/2014 06:01
Acenaphthene	U		1.2	7.8	µg/Kg-dry	1	4/1/2014 06:01
Acenaphthylene	U		1.4	7.8	µg/Kg-dry	1	4/1/2014 06:01
Anthracene	U		1.5	7.8	µg/Kg-dry	1	4/1/2014 06:01
Benzo(a)anthracene	**28**		**1.5**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Benzo(a)pyrene	**58**		**2.5**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Benzo(b)fluoranthene	**52**		**2.3**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Benzo(g,h,i)perylene	**25**		**3.1**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Benzo(k)fluoranthene	**34**		**1.6**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Chrysene	**20**		**1.9**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Dibenzo(a,h)anthracene	U		2.9	7.8	µg/Kg-dry	1	4/1/2014 06:01
Fluoranthene	**55**		**2.7**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Fluorene	U		2.6	7.8	µg/Kg-dry	1	4/1/2014 06:01
Indeno(1,2,3-cd)pyrene	**41**		**2.6**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Naphthalene	U		2.9	7.8	µg/Kg-dry	1	4/1/2014 06:01
Phenanthrene	**27**		**1.6**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Pyrene	**37**		**2.6**	**7.8**	**µg/Kg-dry**	1	4/1/2014 06:01
Surr: 2-Fluorobiphenyl	*78.8*			*12-100*	*%REC*	1	4/1/2014 06:01
Surr: 4-Terphenyl-d14	*94.2*			*25-137*	*%REC*	1	4/1/2014 06:01
Surr: Nitrobenzene-d5	*76.7*			*37-107*	*%REC*	1	4/1/2014 06:01
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,500	3,000	µg/Kg-dry	1	3/26/2014 22:28
Surr: Toluene-d8	*95.1*			*70-130*	*%REC*	1	3/26/2014 22:28
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.19	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,1,2,2-Tetrachloroethane	U		0.12	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,1,2-Trichloroethane	U		0.17	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,1,2-Trichlorotrifluoroethane	U		0.24	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,1-Dichloroethane	U		0.22	4.3	µg/Kg-dry	0.733	3/28/2014 14:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-8 (14-16)
Collection Date: 3/24/2014 04:03 PM

Work Order: 14031107
Lab ID: 14031107-18
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1-Dichloroethene	U		0.20	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2,4-Trichlorobenzene	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2-Dibromo-3-chloropropane	U		0.17	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2-Dibromoethane	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2-Dichlorobenzene	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2-Dichloroethane	U		0.24	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,2-Dichloropropane	U		0.23	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,3-Dichlorobenzene	U		0.16	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
1,4-Dichlorobenzene	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
2-Butanone	U		0.67	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
2-Hexanone	U		0.26	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
4-Methyl-2-pentanone	U		0.17	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Acetone	**18**		**0.81**	**8.7**	**µg/Kg-dry**	0.733	3/28/2014 14:50
Benzene	U		0.22	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Bromodichloromethane	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Bromoform	U		0.13	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Bromomethane	U		0.31	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
Carbon disulfide	U		0.32	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Carbon tetrachloride	U		0.18	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Chlorobenzene	U		0.19	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Chloroethane	U		0.49	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Chloroform	U		0.23	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Chloromethane	U		0.27	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
cis-1,2-Dichloroethene	U		0.26	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
cis-1,3-Dichloropropene	U		0.16	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Cyclohexane	U		0.28	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Dibromochloromethane	U		0.15	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Dichlorodifluoromethane	U		0.29	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
Ethylbenzene	U		0.17	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Isopropylbenzene	U		0.17	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
m,p-Xylene	U		0.33	2.2	µg/Kg-dry	0.733	3/28/2014 14:50
Methyl acetate	U		0.70	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
Methyl tert-butyl ether	U		0.22	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Methylcyclohexane	U		0.24	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
~~**Methylene chloride**~~	~~**1.5**~~	~~J~~	~~**0.25**~~	~~**4.3**~~	~~**µg/Kg-dry**~~	~~0.733~~	~~3/28/2014 14:50~~
o-Xylene	U		0.17	2.2	µg/Kg-dry	0.733	3/28/2014 14:50
Styrene	U		0.16	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
~~Tetrachloroethene~~	~~U~~		~~0.26~~	~~4.3~~	~~µg/Kg-dry~~	~~0.733~~	~~3/28/2014 14:50~~
~~**Toluene**~~	~~**0.39**~~	~~J~~	~~**0.21**~~	~~**4.3**~~	~~**µg/Kg-dry**~~	~~0.733~~	~~3/28/2014 14:50~~
trans-1,2-Dichloroethene	U		0.25	4.3	µg/Kg-dry	0.733	3/28/2014 14:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: SB-8 (14-16)
Collection Date: 3/24/2014 04:03 PM

Work Order: 14031107
Lab ID: 14031107-18
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
trans-1,3-Dichloropropene	U		0.16	8.7	µg/Kg-dry	0.733	3/28/2014 14:50
Trichloroethene	U		0.20	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Trichlorofluoromethane	U		1.0	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Vinyl chloride	U		0.26	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Xylenes, Total	U		0.50	4.3	µg/Kg-dry	0.733	3/28/2014 14:50
Surr: 1,2-Dichloroethane-d4	*118*			*70-120*	*%REC*	0.733	3/28/2014 14:50
Surr: 4-Bromofluorobenzene	*97.8*			*75-120*	*%REC*	0.733	3/28/2014 14:50
Surr: Dibromofluoromethane	*31.8*	S		*85-115*	*%REC*	0.733	3/28/2014 14:50
Surr: Toluene-d8	*95.9*			*85-120*	*%REC*	0.733	3/28/2014 14:50
MOISTURE		Method: **A2540 G**					Analyst: **AT**
Moisture	**16**		**0.025**	**0.050**	**% of sample**	1	3/26/2014 09:31

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Trip Blank
Collection Date: 3/24/2014

Work Order: 14031107
Lab ID: 14031107-19
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
GASOLINE RANGE ORGANICS BY GC-MS			Method: **SW8260GRO**		Prep: SW5035 / 3/26/14		Analyst: **BG**
GRO (C6-C10)	U		1,200	2,500	µg/Kg	1	3/26/2014 14:32
Surr: Toluene-d8	*95.2*			*70-130*	*%REC*	1	3/26/2014 14:32
VOLATILE ORGANIC COMPOUNDS			Method: **SW8260**				Analyst: **AK**
1,1,1-Trichloroethane	U		0.22	5.0	µg/Kg	1	3/26/2014 11:00
1,1,2,2-Tetrachloroethane	U		0.14	5.0	µg/Kg	1	3/26/2014 11:00
1,1,2-Trichloroethane	U		0.19	5.0	µg/Kg	1	3/26/2014 11:00
1,1,2-Trichlorotrifluoroethane	U		0.28	5.0	µg/Kg	1	3/26/2014 11:00
1,1-Dichloroethane	U		0.26	5.0	µg/Kg	1	3/26/2014 11:00
1,1-Dichloroethene	U		0.23	5.0	µg/Kg	1	3/26/2014 11:00
1,2,4-Trichlorobenzene	U		0.21	5.0	µg/Kg	1	3/26/2014 11:00
1,2-Dibromo-3-chloropropane	U		0.20	5.0	µg/Kg	1	3/26/2014 11:00
1,2-Dibromoethane	U		0.20	5.0	µg/Kg	1	3/26/2014 11:00
1,2-Dichlorobenzene	U		0.20	5.0	µg/Kg	1	3/26/2014 11:00
1,2-Dichloroethane	U		0.28	5.0	µg/Kg	1	3/26/2014 11:00
1,2-Dichloropropane	U		0.26	5.0	µg/Kg	1	3/26/2014 11:00
1,3-Dichlorobenzene	U		0.19	5.0	µg/Kg	1	3/26/2014 11:00
1,4-Dichlorobenzene	U		0.21	5.0	µg/Kg	1	3/26/2014 11:00
2-Butanone	U		0.77	10	µg/Kg	1	3/26/2014 11:00
2-Hexanone	U		0.30	5.0	µg/Kg	1	3/26/2014 11:00
4-Methyl-2-pentanone	U		0.20	5.0	µg/Kg	1	3/26/2014 11:00
Acetone	U		0.94	10	µg/Kg	1	3/26/2014 11:00
Benzene	U		0.25	5.0	µg/Kg	1	3/26/2014 11:00
Bromodichloromethane	U		0.21	5.0	µg/Kg	1	3/26/2014 11:00
Bromoform	U		0.15	5.0	µg/Kg	1	3/26/2014 11:00
Bromomethane	U		0.35	10	µg/Kg	1	3/26/2014 11:00
Carbon disulfide	U		0.37	5.0	µg/Kg	1	3/26/2014 11:00
Carbon tetrachloride	U		0.20	5.0	µg/Kg	1	3/26/2014 11:00
Chlorobenzene	U		0.22	5.0	µg/Kg	1	3/26/2014 11:00
Chloroethane	U		0.56	5.0	µg/Kg	1	3/26/2014 11:00
Chloroform	U		0.26	5.0	µg/Kg	1	3/26/2014 11:00
Chloromethane	U		0.31	10	µg/Kg	1	3/26/2014 11:00
cis-1,2-Dichloroethene	U		0.30	5.0	µg/Kg	1	3/26/2014 11:00
cis-1,3-Dichloropropene	U		0.18	5.0	µg/Kg	1	3/26/2014 11:00
Cyclohexane	U		0.32	5.0	µg/Kg	1	3/26/2014 11:00
Dibromochloromethane	U		0.17	5.0	µg/Kg	1	3/26/2014 11:00
Dichlorodifluoromethane	U		0.33	10	µg/Kg	1	3/26/2014 11:00
Ethylbenzene	U		0.19	5.0	µg/Kg	1	3/26/2014 11:00
Isopropylbenzene	U		0.19	5.0	µg/Kg	1	3/26/2014 11:00

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Apr-14*

Client: Tetra Tech
Project: Spotless Car Wash March 2014
Sample ID: Trip Blank
Collection Date: 3/24/2014

Work Order: 14031107
Lab ID: 14031107-19
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
m,p-Xylene	U		0.38	2.5	µg/Kg	1	3/26/2014 11:00
Methyl acetate	U		0.80	10	µg/Kg	1	3/26/2014 11:00
Methyl tert-butyl ether	U		0.25	5.0	µg/Kg	1	3/26/2014 11:00
Methylcyclohexane	U		0.28	10	µg/Kg	1	3/26/2014 11:00
Methylene chloride	**0.81**	J	**0.28**	**5.0**	**µg/Kg**	1	3/26/2014 11:00
o-Xylene	U		0.20	2.5	µg/Kg	1	3/26/2014 11:00
Styrene	U		0.18	5.0	µg/Kg	1	3/26/2014 11:00
Tetrachloroethene	U		0.30	5.0	µg/Kg	1	3/26/2014 11:00
Toluene	U		0.24	5.0	µg/Kg	1	3/26/2014 11:00
trans-1,2-Dichloroethene	U		0.29	5.0	µg/Kg	1	3/26/2014 11:00
trans-1,3-Dichloropropene	U		0.19	10	µg/Kg	1	3/26/2014 11:00
Trichloroethene	U		0.23	5.0	µg/Kg	1	3/26/2014 11:00
Trichlorofluoromethane	U		1.2	5.0	µg/Kg	1	3/26/2014 11:00
Vinyl chloride	U		0.30	5.0	µg/Kg	1	3/26/2014 11:00
Xylenes, Total	U		0.58	5.0	µg/Kg	1	3/26/2014 11:00
Surr: 1,2-Dichloroethane-d4	*115*			*70-120*	*%REC*	1	3/26/2014 11:00
Surr: 4-Bromofluorobenzene	*97.2*			*75-120*	*%REC*	1	3/26/2014 11:00
Surr: Dibromofluoromethane	*39.1*	S		*85-115*	*%REC*	1	3/26/2014 11:00
Surr: Toluene-d8	*97.5*			*85-120*	*%REC*	1	3/26/2014 11:00

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 03-Apr-14

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **57016** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: **MBLK-57016-57016** Units: **mg/Kg** Analysis Date: **3/30/2014 06:35 AM**
Client ID: Run ID: **ICPMS1_140329A** SeqNo: **2690843** Prep Date: **3/28/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0.25								

LCS Sample ID: **LCS-57016-57016** Units: **mg/Kg** Analysis Date: **3/30/2014 06:41 AM**
Client ID: Run ID: **ICPMS1_140329A** SeqNo: **2690844** Prep Date: **3/28/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	4.848	0.25	5	0	97	80-120		0		

MS Sample ID: **14031119-21AMS** Units: **mg/Kg** Analysis Date: **3/30/2014 03:02 PM**
Client ID: Run ID: **ICPMS1_140330A** SeqNo: **2691288** Prep Date: **3/28/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	7.29	0.33	6.658	0.905	95.9	75-125		0		

MSD Sample ID: **14031119-21AMSD** Units: **mg/Kg** Analysis Date: **3/30/2014 03:09 PM**
Client ID: Run ID: **ICPMS1_140330A** SeqNo: **2691289** Prep Date: **3/28/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	7.171	0.32	6.386	0.905	98.1	75-125	7.29	1.65	25	

The following samples were analyzed in this batch:

14031107-01C	14031107-02C	14031107-03C
14031107-04C	14031107-05C	14031107-06C
14031107-07C	14031107-08C	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **57065** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: **MBLK-57065-57065** Units: **mg/Kg** Analysis Date: **3/31/2014 07:59 PM**
Client ID: Run ID: **ICPMS1_140331A** SeqNo: **2693094** Prep Date: **3/31/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	U	0.25								

LCS Sample ID: **LCS-57065-57065** Units: **mg/Kg** Analysis Date: **3/31/2014 08:05 PM**
Client ID: Run ID: **ICPMS1_140331A** SeqNo: **2693095** Prep Date: **3/31/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	4.922	0.25	5	0	98.4	80-120		0		

MS Sample ID: **14031107-11CMS** Units: **mg/Kg** Analysis Date: **3/31/2014 08:36 PM**
Client ID: **SB-1 (14-16)** Run ID: **ICPMS1_140331A** SeqNo: **2693100** Prep Date: **3/31/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	17.14	0.41	8.17	9.264	96.4	75-125		0		

MSD Sample ID: **14031107-11CMSD** Units: **mg/Kg** Analysis Date: **3/31/2014 08:42 PM**
Client ID: **SB-1 (14-16)** Run ID: **ICPMS1_140331A** SeqNo: **2693101** Prep Date: **3/31/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	17.04	0.40	8.052	9.264	96.5	75-125	17.14	0.606	25	

The following samples were analyzed in this batch:

14031107-09C	14031107-10C	14031107-11C
14031107-12C	14031107-13C	14031107-14C
14031107-15C	14031107-16C	14031107-17C
14031107-18C		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56938** Instrument ID **SVMS8** Method: **SW8270**

MBLK Sample ID: **SBLKS1-56938-56938** Units: **µg/Kg** Analysis Date: **3/31/2014 08:03 PM**
Client ID: Run ID: **SVMS8_140331A** SeqNo: **2694091** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloronaphthalene	U	6.7								
2-Methylnaphthalene	U	6.7								
Acenaphthene	U	6.7								
Acenaphthylene	U	6.7								
Anthracene	U	6.7								
Benzo(a)anthracene	U	6.7								
Benzo(a)pyrene	U	6.7								
Benzo(b)fluoranthene	U	6.7								
Benzo(g,h,i)perylene	U	6.7								
Benzo(k)fluoranthene	U	6.7								
Chrysene	U	6.7								
Dibenzo(a,h)anthracene	U	6.7								
Fluoranthene	U	6.7								
Fluorene	U	6.7								
Indeno(1,2,3-cd)pyrene	U	6.7								
Naphthalene	U	6.7								
Phenanthrene	U	6.7								
Pyrene	U	6.7								
Surr: 2-Fluorobiphenyl	*1365*	0	*1667*	0	*81.9*	*12-100*		0		
Surr: 4-Terphenyl-d14	*2175*	0	*1667*	0	*130*	*25-137*		0		
Surr: Nitrobenzene-d5	*1363*	0	*1667*	0	*81.8*	*37-107*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56938** Instrument ID **SVMS8** Method: **SW8270**

LCS Sample ID: **SLCSS1-56938-56938** Units: **µg/Kg** Analysis Date: **3/31/2014 08:29 PM**
Client ID: Run ID: **SVMS8_140331A** SeqNo: **2694092** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloronaphthalene	551.7	6.7	666.7	0	82.7	45-105	0			
2-Methylnaphthalene	532.3	6.7	666.7	0	79.8	45-105	0			
Acenaphthene	531.3	6.7	666.7	0	79.7	45-110	0			
Acenaphthylene	551	6.7	666.7	0	82.6	45-105	0			
Anthracene	601.3	6.7	666.7	0	90.2	55-105	0			
Benzo(a)anthracene	632.3	6.7	666.7	0	94.8	50-110	0			
Benzo(a)pyrene	652.7	6.7	666.7	0	97.9	50-110	0			
Benzo(b)fluoranthene	610.3	6.7	666.7	0	91.5	45-115	0			
Benzo(g,h,i)perylene	732	6.7	666.7	0	110	40-125	0			
Benzo(k)fluoranthene	591.7	6.7	666.7	0	88.7	45-115	0			
Chrysene	602	6.7	666.7	0	90.3	55-110	0			
Dibenzo(a,h)anthracene	718.3	6.7	666.7	0	108	40-125	0			
Fluoranthene	507.7	6.7	666.7	0	76.1	55-115	0			
Fluorene	521.7	6.7	666.7	0	78.2	50-110	0			
Indeno(1,2,3-cd)pyrene	747	6.7	666.7	0	112	40-120	0			
Naphthalene	490.3	6.7	666.7	0	73.5	40-105	0			
Phenanthrene	553.3	6.7	666.7	0	83	50-110	0			
Pyrene	711.7	6.7	666.7	0	107	45-125	0			
Surr: 2-Fluorobiphenyl	*1457*	0	*1667*	0	*87.4*	*12-100*	0			
Surr: 4-Terphenyl-d14	*2020*	0	*1667*	0	*121*	*25-137*	0			
Surr: Nitrobenzene-d5	*1423*	0	*1667*	0	*85.4*	*37-107*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56938** Instrument ID **SVMS8** Method: **SW8270**

MS Sample ID: **14031107-01C MS** Units: **µg/Kg** Analysis Date: **3/31/2014 08:54 PM**
Client ID: **Tank 5 Floor** Run ID: **SVMS8_140331A** SeqNo: **2694093** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloronaphthalene	1091	13	1306	0	83.5	45-105	0			
2-Methylnaphthalene	1096	13	1306	0	83.9	45-105	0			
Acenaphthene	1065	13	1306	0	81.5	45-110	0			
Acenaphthylene	1000	13	1306	0	76.6	45-105	0			
Anthracene	1242	13	1306	0	95.1	55-105	0			
Benzo(a)anthracene	1273	13	1306	0	97.5	50-110	0			
Benzo(a)pyrene	1299	13	1306	0	99.5	50-110	0			
Benzo(b)fluoranthene	1238	13	1306	0	94.8	45-115	0			
Benzo(g,h,i)perylene	1497	13	1306	0	115	40-125	0			
Benzo(k)fluoranthene	1169	13	1306	0	89.5	45-115	0			
Chrysene	1210	13	1306	0	92.6	55-110	0			
Dibenzo(a,h)anthracene	1446	13	1306	0	111	40-125	0			
Fluoranthene	1059	13	1306	0	81.1	55-115	0			
Fluorene	1092	13	1306	0	83.6	50-110	0			
Indeno(1,2,3-cd)pyrene	1517	13	1306	0	116	40-120	0			
Naphthalene	1014	13	1306	0	77.7	40-105	0			
Phenanthrene	1155	13	1306	0	88.4	50-110	0			
Pyrene	1473	13	1306	0	113	45-125	0			
Surr: 2-Fluorobiphenyl	*2828*	0	*3264*	0	*86.7*	*12-100*	0			
Surr: 4-Terphenyl-d14	*3971*	0	*3264*	0	*122*	*25-137*	0			
Surr: Nitrobenzene-d5	*2890*	0	*3264*	0	*88.5*	*37-107*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56938** Instrument ID **SVMS8** Method: **SW8270**

MSD Sample ID: **14031107-01C MSD** Units: **µg/Kg** Analysis Date: **3/31/2014 09:19 PM**
Client ID: **Tank 5 Floor** Run ID: **SVMS8_140331A** SeqNo: **2694094** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloronaphthalene	1021	13	1255	0	81.3	45-105	1091	6.58	30	
2-Methylnaphthalene	945.3	13	1255	0	75.3	45-105	1096	14.8	30	
Acenaphthene	981.7	13	1255	0	78.2	45-110	1065	8.11	30	
Acenaphthylene	999.2	13	1255	0	79.6	45-105	1000	0.0753	30	
Anthracene	1182	13	1255	0	94.1	55-105	1242	4.92	30	
Benzo(a)anthracene	1206	13	1255	0	96	50-110	1273	5.47	30	
Benzo(a)pyrene	1237	13	1255	0	98.5	50-110	1299	4.93	30	
Benzo(b)fluoranthene	1136	13	1255	0	90.5	45-115	1238	8.61	30	
Benzo(g,h,i)perylene	1436	13	1255	0	114	40-125	1497	4.18	30	
Benzo(k)fluoranthene	1110	13	1255	0	88.4	45-115	1169	5.21	30	
Chrysene	1134	13	1255	0	90.3	55-110	1210	6.43	30	
Dibenzo(a,h)anthracene	1369	13	1255	0	109	40-125	1446	5.46	30	
Fluoranthene	991.7	13	1255	0	79	55-115	1059	6.54	30	
Fluorene	972.9	13	1255	0	77.5	50-110	1092	11.5	30	
Indeno(1,2,3-cd)pyrene	1445	13	1255	0	115	40-120	1517	4.87	30	
Naphthalene	890.7	13	1255	0	70.9	40-105	1014	13	30	
Phenanthrene	1075	13	1255	0	85.6	50-110	1155	7.19	30	
Pyrene	1338	13	1255	0	107	45-125	1473	9.61	30	
Surr: 2-Fluorobiphenyl	*2681*	0	*3138*	0	*85.4*	*12-100*	2828	*5.36*	*40*	
Surr: 4-Terphenyl-d14	*3691*	0	*3138*	0	*118*	*25-137*	3971	*7.31*	*40*	
Surr: Nitrobenzene-d5	*2623*	0	*3138*	0	*83.6*	*37-107*	2890	*9.67*	*40*	

The following samples were analyzed in this batch:

14031107-01C	14031107-02C	14031107-03C
14031107-04C	14031107-05C	14031107-06C
14031107-07C	14031107-08C	14031107-09C
14031107-10C	14031107-11C	14031107-12C
14031107-13C	14031107-14C	14031107-15C
14031107-16C	14031107-17C	14031107-18C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56943** Instrument ID **SVMS8** Method: **SW8270**

MBLK Sample ID: **DBLKS1-56943-56943** Units: **mg/Kg** Analysis Date: **3/31/2014 08:03 PM**
Client ID: Run ID: **SVMS8_140331A** SeqNo: **2694046** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	U	4.2								
ORO (C21-C35)	U	4.2								
Surr: 4-Terphenyl-d14	*2.175*	0	*1.667*	0	*130*	*25-137*	0			

LCS Sample ID: **DLCSS1-56943-56943** Units: **mg/Kg** Analysis Date: **3/31/2014 09:44 PM**
Client ID: Run ID: **SVMS8_140331A** SeqNo: **2694047** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	113	4.2	166.7	0	67.8	31-135	0			
ORO (C21-C35)	94.75	4.2	166.7	0	56.9	31-135	0			
Surr: 4-Terphenyl-d14	*1.809*	0	*1.667*	0	*109*	*25-137*	0			

MS Sample ID: **14031107-01C MS** Units: **mg/Kg** Analysis Date: **3/31/2014 10:10 PM**
Client ID: **Tank 5 Floor** Run ID: **SVMS8_140331A** SeqNo: **2694048** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	205.8	8.2	327.5	0	62.8	31-135	0			
ORO (C21-C35)	181.9	8.2	327.5	0	55.5	31-135	0			
Surr: 4-Terphenyl-d14	*3.614*	0	*3.275*	0	*110*	*25-137*	0			

MSD Sample ID: **14031107-01C MSD** Units: **mg/Kg** Analysis Date: **3/31/2014 10:35 PM**
Client ID: **Tank 5 Floor** Run ID: **SVMS8_140331A** SeqNo: **2694050** Prep Date: **3/27/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C21)	184.7	8.2	326.7	0	56.5	31-135	205.8	10.8	30	
ORO (C21-C35)	177.7	8.2	326.7	0	54.4	31-135	181.9	2.33	30	
Surr: 4-Terphenyl-d14	*3.31*	0	*3.267*	0	*101*	*25-137*	3.614	*8.76*	*30*	

The following samples were analyzed in this batch:

14031107-01C	14031107-02C	14031107-03C
14031107-04C	14031107-05C	14031107-06C
14031107-07C	14031107-08C	14031107-09C
14031107-10C	14031107-11C	14031107-12C
14031107-13C	14031107-14C	14031107-15C
14031107-16C	14031107-17C	14031107-18C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

MBLK Sample ID: **MBLK-56907-56907** Units: **µg/Kg** Analysis Date: **3/26/2014 02:05 PM**
Client ID: Run ID: **VMS5_140326A** SeqNo: **2686734** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	30								
1,1,2,2-Tetrachloroethane	U	30								
1,1,2-Trichloroethane	U	30								
1,1,2-Trichlorotrifluoroethane	U	30								
1,1-Dichloroethane	U	30								
1,1-Dichloroethene	U	30								
1,2,4-Trichlorobenzene	U	30								
1,2-Dibromo-3-chloropropane	U	30								
1,2-Dibromoethane	U	30								
1,2-Dichlorobenzene	U	30								
1,2-Dichloroethane	U	30								
1,2-Dichloropropane	U	30								
1,3-Dichlorobenzene	U	30								
1,4-Dichlorobenzene	U	30								
2-Butanone	U	200								
2-Hexanone	U	30								
4-Methyl-2-pentanone	U	30								
Acetone	U	100								
Benzene	U	30								
Bromodichloromethane	U	30								
Bromoform	U	30								
Bromomethane	U	75								
Carbon disulfide	U	30								
Carbon tetrachloride	U	30								
Chlorobenzene	U	30								
Chloroethane	U	100								
Chloroform	U	30								
Chloromethane	U	100								
cis-1,2-Dichloroethene	U	30								
cis-1,3-Dichloropropene	U	30								
Cyclohexane	U	30								
Dibromochloromethane	U	30								
Dichlorodifluoromethane	U	30								
Ethylbenzene	U	30								
GRO (C6-C10)	U	2,500								
Isopropylbenzene	U	30								
m,p-Xylene	U	60								
Methyl acetate	U	200								
Methyl tert-butyl ether	U	30								
Methylcyclohexane	U	30								
Methylene chloride	U	30								
o-Xylene	U	30								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

Styrene	U	30					
Tetrachloroethene	U	30					
Toluene	U	30					
trans-1,2-Dichloroethene	U	30					
trans-1,3-Dichloropropene	U	30					
Trichloroethene	U	30					
Trichlorofluoromethane	U	30					
Vinyl chloride	U	30					
Xylenes, Total	U	90					
Surr: 1,2-Dichloroethane-d4	*998.5*	0	*1000*	0	*99.8*	*70-130*	0
Surr: 4-Bromofluorobenzene	*969*	0	*1000*	0	*96.9*	*70-130*	0
Surr: Dibromofluoromethane	*982.5*	0	*1000*	0	*98.2*	*70-130*	0
Surr: Toluene-d8	*980*	0	*1000*	0	*98*	*70-130*	0

MBLK Sample ID: **MBLK-56907-56907** Units: **µg/Kg** Analysis Date: **3/26/2014 02:05 PM**
Client ID: Run ID: **VMS5_140326A** SeqNo: **2686779** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	5,000								
Surr: Toluene-d8	*980*	0	*1000*	0	*98*	*70-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

LCS Sample ID: **LCS-56907-56907** Units: **µg/Kg** Analysis Date: **3/26/2014 12:46 PM**
Client ID: Run ID: **VMS5_140326A** SeqNo: **2686733** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	949	30	1000	0	94.9	70-135	0			
1,1,2,2-Tetrachloroethane	984.5	30	1000	0	98.4	55-130	0			
1,1,2-Trichloroethane	961.5	30	1000	0	96.2	60-125	0			
1,1-Dichloroethane	1002	30	1000	0	100	75-125	0			
1,1-Dichloroethene	1024	30	1000	0	102	65-135	0			
1,2,4-Trichlorobenzene	883.5	30	1000	0	88.4	65-130	0			
1,2-Dibromo-3-chloropropane	863	30	1000	0	86.3	40-135	0			
1,2-Dibromoethane	1090	30	1000	0	109	75-125	0			
1,2-Dichlorobenzene	911	30	1000	0	91.1	75-120	0			
1,2-Dichloroethane	959.5	30	1000	0	96	70-135	0			
1,2-Dichloropropane	946.5	30	1000	0	94.6	70-120	0			
1,3-Dichlorobenzene	928	30	1000	0	92.8	70-125	0			
1,4-Dichlorobenzene	901	30	1000	0	90.1	70-125	0			
2-Butanone	1308	200	1000	0	131	30-160	0			
2-Hexanone	1152	30	1000	0	115	45-145	0			
4-Methyl-2-pentanone	1495	30	1000	0	150	96-168	0			
Acetone	1360	100	1000	0	136	20-160	0			
Benzene	972.5	30	1000	0	97.2	75-125	0			
Bromodichloromethane	970.5	30	1000	0	97	70-130	0			
Bromoform	778	30	1000	0	77.8	55-135	0			
Bromomethane	1182	75	1000	0	118	30-160	0			
Carbon disulfide	1092	30	1000	0	109	45-160	0			
Carbon tetrachloride	923.5	30	1000	0	92.4	65-135	0			
Chlorobenzene	924.5	30	1000	0	92.4	75-125	0			
Chloroethane	1082	100	1000	0	108	40-155	0			
Chloroform	962	30	1000	0	96.2	70-125	0			
Chloromethane	1035	100	1000	0	104	50-130	0			
cis-1,2-Dichloroethene	987	30	1000	0	98.7	65-125	0			
cis-1,3-Dichloropropene	1032	30	1000	0	103	70-125	0			
Dibromochloromethane	773	30	1000	0	77.3	65-135	0			
Dichlorodifluoromethane	897	30	1000	0	89.7	35-135	0			
Ethylbenzene	962	30	1000	0	96.2	75-125	0			
Isopropylbenzene	945	30	1000	0	94.5	75-130	0			
m,p-Xylene	1923	60	2000	0	96.2	80-125	0			
Methyl tert-butyl ether	1052	30	1000	0	105	75-125	0			
Methylene chloride	1083	30	1000	0	108	55-145	0			
o-Xylene	966	30	1000	0	96.6	75-125	0			
Styrene	999.5	30	1000	0	100	75-125	0			
Tetrachloroethene	903.5	30	1000	0	90.4	64-140	0			
Toluene	940	30	1000	0	94	70-125	0			
trans-1,2-Dichloroethene	1038	30	1000	0	104	65-135	0			
trans-1,3-Dichloropropene	996	30	1000	0	99.6	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

Trichloroethene	947	30	1000	0	94.7	75-125	0
Trichlorofluoromethane	1008	30	1000	0	101	25-185	0
Vinyl chloride	1049	30	1000	0	105	60-125	0
Xylenes, Total	2889	90	3000	0	96.3	75-125	0
Surr: 1,2-Dichloroethane-d4	*981.5*	0	*1000*	0	*98.2*	*70-130*	0
Surr: 4-Bromofluorobenzene	*1002*	0	*1000*	0	*100*	*70-130*	0
Surr: Dibromofluoromethane	*994*	0	*1000*	0	*99.4*	*70-130*	0
Surr: Toluene-d8	*985.5*	0	*1000*	0	*98.6*	*70-130*	0

LCS Sample ID: **LCS-56907-56907** Units: **µg/Kg** Analysis Date: **3/26/2014 01:12 PM**

Client ID: Run ID: **VMS5_140326A** SeqNo: **2686778** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	22290	5,000	25000	0	89.1	70-130	0			
Surr: Toluene-d8	*782*	0	*1000*	0	*78.2*	*70-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

MS Sample ID: **14031107-17A MS** Units: **µg/Kg** Analysis Date: **3/26/2014 10:54 PM**
Client ID: **SB-7 (4-5)** Run ID: **VMS5_140326A** SeqNo: **2686735** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	989.5	30	1000	0	99	70-135	0			
1,1,2,2-Tetrachloroethane	935	30	1000	0	93.5	55-130	0			
1,1,2-Trichloroethane	980	30	1000	0	98	60-125	0			
1,1-Dichloroethane	1016	30	1000	0	102	75-125	0			
1,1-Dichloroethene	1114	30	1000	0	111	65-135	0			
1,2,4-Trichlorobenzene	934.5	30	1000	0	93.4	65-130	0			
1,2-Dibromo-3-chloropropane	672	30	1000	0	67.2	40-135	0			
1,2-Dibromoethane	1092	30	1000	0	109	75-125	0			
1,2-Dichlorobenzene	948	30	1000	0	94.8	75-120	0			
1,2-Dichloroethane	984	30	1000	0	98.4	70-135	0			
1,2-Dichloropropane	967	30	1000	0	96.7	70-120	0			
1,3-Dichlorobenzene	962	30	1000	0	96.2	70-125	0			
1,4-Dichlorobenzene	937	30	1000	0	93.7	70-125	0			
2-Butanone	1208	200	1000	0	121	30-160	0			
2-Hexanone	1082	30	1000	0	108	45-145	0			
4-Methyl-2-pentanone	1403	30	1000	0	140	89-161	0			
Acetone	1366	100	1000	0	137	20-160	0			
Benzene	1008	30	1000	0	101	75-125	0			
Bromodichloromethane	875	30	1000	0	87.5	70-130	0			
Bromoform	598.5	30	1000	0	59.8	55-135	0			
Bromomethane	911	75	1000	0	91.1	30-160	0			
Carbon disulfide	1046	30	1000	0	105	45-160	0			
Carbon tetrachloride	870	30	1000	0	87	65-135	0			
Chlorobenzene	948.5	30	1000	0	94.8	75-125	0			
Chloroethane	1116	100	1000	0	112	40-155	0			
Chloroform	964.5	30	1000	0	96.4	70-125	0			
Chloromethane	1086	100	1000	0	109	50-130	0			
cis-1,2-Dichloroethene	974	30	1000	0	97.4	65-125	0			
cis-1,3-Dichloropropene	980	30	1000	0	98	70-125	0			
Dibromochloromethane	633	30	1000	0	63.3	65-135	0			S
Dichlorodifluoromethane	1050	30	1000	0	105	35-135	0			
Ethylbenzene	992.5	30	1000	0	99.2	75-125	0			
Isopropylbenzene	994	30	1000	0	99.4	75-130	0			
m,p-Xylene	1976	60	2000	0	98.8	80-125	0			
Methyl tert-butyl ether	1069	30	1000	0	107	75-125	0			
Methylene chloride	1110	30	1000	0	111	55-145	0			
o-Xylene	994.5	30	1000	0	99.4	75-125	0			
Styrene	1030	30	1000	0	103	75-125	0			
Tetrachloroethene	957.5	30	1000	0	95.8	64-140	0			
Toluene	966	30	1000	0	96.6	70-125	0			
trans-1,2-Dichloroethene	1069	30	1000	0	107	65-135	0			
trans-1,3-Dichloropropene	939	30	1000	0	93.9	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

Trichloroethene	986.5	30	1000	0	98.6	75-125	0
Trichlorofluoromethane	1108	30	1000	0	111	25-185	0
Vinyl chloride	1149	30	1000	0	115	60-125	0
Xylenes, Total	2970	90	3000	0	99	75-125	0
Surr: 1,2-Dichloroethane-d4	*993*	0	*1000*	0	*99.3*	*70-130*	0
Surr: 4-Bromofluorobenzene	*1016*	0	*1000*	0	*102*	*70-130*	0
Surr: Dibromofluoromethane	*957*	0	*1000*	0	*95.7*	*70-130*	0
Surr: Toluene-d8	*980.5*	0	*1000*	0	*98*	*70-130*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

MSD Sample ID: **14031107-17A MSD** Units: **µg/Kg** Analysis Date: **3/26/2014 11:20 PM**
Client ID: **SB-7 (4-5)** Run ID: **VMS5_140326A** SeqNo: **2686736** Prep Date: **3/26/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	954.5	30	1000	0	95.4	70-135	989.5	3.6	30	
1,1,2,2-Tetrachloroethane	983	30	1000	0	98.3	55-130	935	5.01	30	
1,1,2-Trichloroethane	973.5	30	1000	0	97.4	60-125	980	0.665	30	
1,1-Dichloroethane	982.5	30	1000	0	98.2	75-125	1016	3.4	30	
1,1-Dichloroethene	1040	30	1000	0	104	65-135	1114	6.96	30	
1,2,4-Trichlorobenzene	1019	30	1000	0	102	65-130	934.5	8.65	30	
1,2-Dibromo-3-chloropropane	744	30	1000	0	74.4	40-135	672	10.2	30	
1,2-Dibromoethane	1096	30	1000	0	110	75-125	1092	0.32	30	
1,2-Dichlorobenzene	996.5	30	1000	0	99.6	75-120	948	4.99	30	
1,2-Dichloroethane	975.5	30	1000	0	97.6	70-135	984	0.868	30	
1,2-Dichloropropane	949.5	30	1000	0	95	70-120	967	1.83	30	
1,3-Dichlorobenzene	1010	30	1000	0	101	70-125	962	4.87	30	
1,4-Dichlorobenzene	966	30	1000	0	96.6	70-125	937	3.05	30	
2-Butanone	1282	200	1000	0	128	30-160	1208	5.9	30	
2-Hexanone	1108	30	1000	0	111	45-145	1082	2.33	30	
4-Methyl-2-pentanone	1447	30	1000	0	145	89-161	1403	3.09	30	
Acetone	1440	100	1000	0	144	20-160	1366	5.24	30	
Benzene	971.5	30	1000	0	97.2	75-125	1008	3.74	30	
Bromodichloromethane	852	30	1000	0	85.2	70-130	875	2.66	30	
Bromoform	617	30	1000	0	61.7	55-135	598.5	3.04	30	
Bromomethane	438	75	1000	0	43.8	30-160	911	70.1	30	R
Carbon disulfide	983.5	30	1000	0	98.4	45-160	1046	6.21	30	
Carbon tetrachloride	839.5	30	1000	0	84	65-135	870	3.57	30	
Chlorobenzene	919.5	30	1000	0	92	75-125	948.5	3.1	30	
Chloroethane	1028	100	1000	0	103	40-155	1116	8.12	30	
Chloroform	946	30	1000	0	94.6	70-125	964.5	1.94	30	
Chloromethane	1034	100	1000	0	103	50-130	1086	4.86	30	
cis-1,2-Dichloroethene	937	30	1000	0	93.7	65-125	974	3.87	30	
cis-1,3-Dichloropropene	962.5	30	1000	0	96.2	70-125	980	1.8	30	
Dibromochloromethane	633.5	30	1000	0	63.4	65-135	633	0.079	30	S
Dichlorodifluoromethane	968.5	30	1000	0	96.8	35-135	1050	8.08	30	
Ethylbenzene	971	30	1000	0	97.1	75-125	992.5	2.19	30	
Isopropylbenzene	1004	30	1000	0	100	75-130	994	0.951	30	
m,p-Xylene	1953	60	2000	0	97.6	80-125	1976	1.17	30	
Methyl tert-butyl ether	1064	30	1000	0	106	75-125	1069	0.422	30	
Methylene chloride	1090	30	1000	0	109	55-145	1110	1.77	30	
o-Xylene	974.5	30	1000	0	97.4	75-125	994.5	2.03	30	
Styrene	1008	30	1000	0	101	75-125	1030	2.11	30	
Tetrachloroethene	937	30	1000	0	93.7	64-140	957.5	2.16	30	
Toluene	927.5	30	1000	0	92.8	70-125	966	4.07	30	
trans-1,2-Dichloroethene	1022	30	1000	0	102	65-135	1069	4.5	30	
trans-1,3-Dichloropropene	927.5	30	1000	0	92.8	65-125	939	1.23	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **56907** Instrument ID **VMS5** Method: **SW8260B**

Trichloroethene	939	30	1000	0	93.9	75-125	986.5	4.93	30
Trichlorofluoromethane	1039	30	1000	0	104	25-185	1108	6.47	30
Vinyl chloride	1092	30	1000	0	109	60-125	1149	5.09	30
Xylenes, Total	2928	90	3000	0	97.6	75-125	2970	1.46	30
Surr: 1,2-Dichloroethane-d4	*983.5*	0	*1000*	0	*98.4*	*70-130*	993	*0.961*	*30*
Surr: 4-Bromofluorobenzene	*1004*	0	*1000*	0	*100*	*70-130*	1016	*1.24*	*30*
Surr: Dibromofluoromethane	*964.5*	0	*1000*	0	*96.4*	*70-130*	957	*0.781*	*30*
Surr: Toluene-d8	*985*	0	*1000*	0	*98.5*	*70-130*	980.5	*0.458*	*30*

The following samples were analyzed in this batch:

14031107-01A	14031107-02A	14031107-03A
14031107-04A	14031107-05A	14031107-06A
14031107-07A	14031107-08A	14031107-09A
14031107-10A	14031107-11A	14031107-12A
14031107-13A	14031107-14A	14031107-15A
14031107-16A	14031107-17A	14031107-18A
14031107-19A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKS1-140326-R137748** Units: **µg/Kg** Analysis Date: **3/26/2014 10:35 AM**
Client ID: Run ID: **VMS7_140326A** SeqNo: **2687084** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1,2-Trichlorotrifluoroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	5.0								
4-Methyl-2-pentanone	U	5.0								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	10								
Ethylbenzene	U	5.0								
Isopropylbenzene	U	5.0								
m,p-Xylene	U	2.5								
Methyl acetate	U	10								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	10								
Methylene chloride	1.45	5.0								J
o-Xylene	U	2.5								
Styrene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

Tetrachloroethene	U	5.0					
Toluene	U	5.0					
trans-1,2-Dichloroethene	U	5.0					
trans-1,3-Dichloropropene	U	10					
Trichloroethene	U	5.0					
Trichlorofluoromethane	U	5.0					
Vinyl chloride	U	5.0					
Xylenes, Total	U	5.0					
Surr: 1,2-Dichloroethane-d4	*21.15*	0	*20*	0	*106*	*70-120*	0
Surr: 4-Bromofluorobenzene	*19.22*	0	*20*	0	*96.1*	*75-120*	0
Surr: Dibromofluoromethane	*21.49*	0	*20*	0	*107*	*85-115*	0
Surr: Toluene-d8	*19.49*	0	*20*	0	*97.4*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

LCS Sample ID: **VLCSS1-140326-R137748** Units: **µg/Kg** Analysis Date: **3/26/2014 09:33 AM**
Client ID: Run ID: **VMS7_140326A** SeqNo: **2687083** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.62	5.0	20	0	98.1	70-135	0			
1,1,2,2-Tetrachloroethane	21.99	5.0	20	0	110	55-130	0			
1,1,2-Trichloroethane	19.97	5.0	20	0	99.8	60-125	0			
1,1-Dichloroethane	21.4	5.0	20	0	107	75-125	0			
1,1-Dichloroethene	22.4	5.0	20	0	112	65-135	0			
1,2,4-Trichlorobenzene	20.05	5.0	20	0	100	65-130	0			
1,2-Dibromo-3-chloropropane	22.08	5.0	20	0	110	40-135	0			
1,2-Dibromoethane	20.01	5.0	20	0	100	70-125	0			
1,2-Dichlorobenzene	19.74	5.0	20	0	98.7	75-120	0			
1,2-Dichloroethane	20.84	5.0	20	0	104	70-135	0			
1,2-Dichloropropane	20.16	5.0	20	0	101	70-120	0			
1,3-Dichlorobenzene	20.11	5.0	20	0	101	70-125	0			
1,4-Dichlorobenzene	20.02	5.0	20	0	100	70-125	0			
2-Butanone	26.11	10	20	0	131	30-160	0			
2-Hexanone	23.88	5.0	20	0	119	45-145	0			
4-Methyl-2-pentanone	35.36	5.0	20	0	177	114-173	0			S
Acetone	27.47	10	20	0	137	20-160	0			
Benzene	20.55	5.0	20	0	103	75-125	0			
Bromodichloromethane	19.93	5.0	20	0	99.6	70-130	0			
Bromoform	20.86	5.0	20	0	104	55-135	0			
Bromomethane	23.62	10	20	0	118	30-160	0			
Carbon disulfide	24.52	5.0	20	0	123	45-160	0			
Carbon tetrachloride	21.01	5.0	20	0	105	65-135	0			
Chlorobenzene	20.4	5.0	20	0	102	75-125	0			
Chloroethane	20.99	5.0	20	0	105	40-155	0			
Chloroform	19.37	5.0	20	0	96.8	70-125	0			
Chloromethane	19.54	10	20	0	97.7	50-130	0			
cis-1,2-Dichloroethene	21.49	5.0	20	0	107	65-125	0			
cis-1,3-Dichloropropene	20.92	5.0	20	0	105	70-125	0			
Dibromochloromethane	19.63	5.0	20	0	98.2	65-135	0			
Dichlorodifluoromethane	18.17	10	20	0	90.8	35-135	0			
Ethylbenzene	19.73	5.0	20	0	98.6	75-125	0			
Isopropylbenzene	19.78	5.0	20	0	98.9	75-130	0			
m,p-Xylene	38.85	2.5	40	0	97.1	80-125	0			
Methyl tert-butyl ether	24.09	5.0	20	0	120	75-125	0			
Methylene chloride	22.33	5.0	20	0	112	55-140	0			
o-Xylene	20.01	2.5	20	0	100	75-125	0			
Styrene	20.94	5.0	20	0	105	75-125	0			
Tetrachloroethene	18.44	5.0	20	0	92.2	65-140	0			
Toluene	19.45	5.0	20	0	97.2	70-125	0			
trans-1,2-Dichloroethene	22.53	5.0	20	0	113	65-135	0			
trans-1,3-Dichloropropene	21.28	10	20	0	106	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	20.71	5.0	20	0	104	75-125	0
Trichlorofluoromethane	21.54	5.0	20	0	108	25-185	0
Vinyl chloride	21.11	5.0	20	0	106	60-125	0
Xylenes, Total	58.86	5.0	60	0	98.1	75-125	0
Surr: 1,2-Dichloroethane-d4	*21.3*	0	*20*	0	*106*	*70-120*	0
Surr: 4-Bromofluorobenzene	*20.15*	0	*20*	0	*101*	*75-120*	0
Surr: Dibromofluoromethane	*21.35*	0	*20*	0	*107*	*85-115*	0
Surr: Toluene-d8	*19.41*	0	*20*	0	*97*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

MS Sample ID: **1403831-13A MS** Units: **µg/Kg** Analysis Date: **3/26/2014 12:46 PM**
Client ID: Run ID: **VMS7_140326A** SeqNo: **2687088** Prep Date: DF: **1.16**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.3	5.8	23.2	0	87.5	70-135	0			
1,1,2,2-Tetrachloroethane	27.19	5.8	23.2	0	117	55-130	0			
1,1,2-Trichloroethane	23.1	5.8	23.2	0	99.6	60-125	0			
1,1-Dichloroethane	23.54	5.8	23.2	0	101	75-125	0			
1,1-Dichloroethene	24.3	5.8	23.2	0	105	65-135	0			
1,2,4-Trichlorobenzene	10.88	5.8	23.2	0	46.9	65-130	0			S
1,2-Dibromo-3-chloropropane	32.11	5.8	23.2	0	138	40-135	0			S
1,2-Dibromoethane	24.24	5.8	23.2	0	104	44-112	0			
1,2-Dichlorobenzene	15.64	5.8	23.2	0	67.4	75-120	0			S
1,2-Dichloroethane	24.35	5.8	23.2	0	105	70-135	0			
1,2-Dichloropropane	22.14	5.8	23.2	0	95.4	70-120	0			
1,3-Dichlorobenzene	15.2	5.8	23.2	0	65.5	70-125	0			S
1,4-Dichlorobenzene	15.21	5.8	23.2	0	65.6	70-125	0			S
2-Butanone	60.68	12	23.2	10.2	218	30-160	0			S
2-Hexanone	42.84	5.8	23.2	0	185	45-145	0			S
4-Methyl-2-pentanone	59.88	5.8	23.2	0	258	52-180	0			S
Acetone	132	12	23.2	51.98	345	20-160	0			SE
Benzene	22.39	5.8	23.2	0.3241	95.1	75-125	0			
Bromodichloromethane	20.85	5.8	23.2	0	89.8	70-130	0			
Bromoform	23.07	5.8	23.2	0	99.4	55-135	0			
Bromomethane	24.82	12	23.2	0	107	30-160	0			
Carbon disulfide	24.79	5.8	23.2	0	107	45-160	0			
Carbon tetrachloride	20.57	5.8	23.2	0	88.6	65-135	0			
Chlorobenzene	19.11	5.8	23.2	0	82.4	75-125	0			
Chloroethane	15.35	5.8	23.2	0	66.2	40-155	0			
Chloroform	21.31	5.8	23.2	0	91.8	70-125	0			
Chloromethane	23.39	12	23.2	2.337	90.7	50-130	0			
cis-1,2-Dichloroethene	23.71	5.8	23.2	0	102	65-125	0			
cis-1,3-Dichloropropene	22.56	5.8	23.2	0	97.2	70-125	0			
Dibromochloromethane	20.39	5.8	23.2	0	87.9	65-135	0			
Dichlorodifluoromethane	19.29	12	23.2	0	83.2	35-135	0			
Ethylbenzene	18.46	5.8	23.2	0	79.6	75-125	0			
Isopropylbenzene	16.41	5.8	23.2	0	70.8	75-130	0			S
m,p-Xylene	36.37	2.9	46.4	0	78.4	80-125	0			S
Methyl tert-butyl ether	30.23	5.8	23.2	0	130	75-125	0			S
Methylene chloride	24.37	5.8	23.2	0	105	55-140	0			
o-Xylene	18.5	2.9	23.2	0	79.8	75-125	0			
Styrene	19.05	5.8	23.2	0	82.1	75-125	0			
Tetrachloroethene	15.76	5.8	23.2	0	68	65-140	0			
Toluene	19.73	5.8	23.2	0.3241	83.7	70-125	0			
trans-1,2-Dichloroethene	24.6	5.8	23.2	0	106	65-135	0			
trans-1,3-Dichloropropene	22.42	12	23.2	0	96.6	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	20.39	5.8	23.2	0	87.9	75-125	0
Trichlorofluoromethane	22.2	5.8	23.2	0	95.7	25-185	0
Vinyl chloride	23.73	5.8	23.2	0	102	60-125	0
Xylenes, Total	54.87	5.8	69.6	0	78.8	75-125	0
Surr: 1,2-Dichloroethane-d4	*27.67*	0	*23.2*	0	*119*	*70-120*	0
Surr: 4-Bromofluorobenzene	*23.7*	0	*23.2*	0	*102*	*75-120*	0
Surr: Dibromofluoromethane	*24.8*	0	*23.2*	0	*107*	*85-115*	0
Surr: Toluene-d8	*22.26*	0	*23.2*	0	*96*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

MSD Sample ID: **1403831-13A MSD** Units: **µg/Kg** Analysis Date: **3/26/2014 01:13 PM**
Client ID: Run ID: **VMS7_140326A** SeqNo: **2687089** Prep Date: DF: **1.13**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	16.81	5.6	22.6	0	74.4	70-135	20.3	18.8	30	
1,1,2,2-Tetrachloroethane	20.25	5.6	22.6	0	89.6	55-130	27.19	29.3	30	
1,1,2-Trichloroethane	17.71	5.6	22.6	0	78.4	60-125	23.1	26.4	30	
1,1-Dichloroethane	19.02	5.6	22.6	0	84.2	75-125	23.54	21.2	30	
1,1-Dichloroethene	19.61	5.6	22.6	0	86.8	65-135	24.3	21.4	30	
1,2,4-Trichlorobenzene	6.498	5.6	22.6	0	28.8	65-130	10.88	50.4	30	SR
1,2-Dibromo-3-chloropropane	23.3	5.6	22.6	0	103	40-135	32.11	31.8	30	R
1,2-Dibromoethane	18.66	5.6	22.6	0	82.6	44-112	24.24	26	30	
1,2-Dichlorobenzene	10.75	5.6	22.6	0	47.6	75-120	15.64	37.1	30	SR
1,2-Dichloroethane	19.71	5.6	22.6	0	87.2	70-135	24.35	21.1	30	
1,2-Dichloropropane	17.75	5.6	22.6	0	78.6	70-120	22.14	22	30	
1,3-Dichlorobenzene	10.4	5.6	22.6	0	46	70-125	15.2	37.5	30	SR
1,4-Dichlorobenzene	10.4	5.6	22.6	0	46	70-125	15.21	37.6	30	SR
2-Butanone	60.84	11	22.6	10.2	224	30-160	60.68	0.263	30	S
2-Hexanone	32.43	5.6	22.6	0	144	45-145	42.84	27.7	30	
4-Methyl-2-pentanone	45.73	5.6	22.6	0	202	52-180	59.88	26.8	30	S
Acetone	199.5	11	22.6	51.98	653	20-160	132	40.8	30	SRE
Benzene	18.17	5.6	22.6	0.3241	79	75-125	22.39	20.8	30	
Bromodichloromethane	16.95	5.6	22.6	0	75	70-130	20.85	20.6	30	
Bromoform	16.97	5.6	22.6	0	75.1	55-135	23.07	30.5	30	R
Bromomethane	22.88	11	22.6	0	101	30-160	24.82	8.14	30	
Carbon disulfide	19.83	5.6	22.6	0	87.8	45-160	24.79	22.2	30	
Carbon tetrachloride	16.23	5.6	22.6	0	71.8	65-135	20.57	23.6	30	
Chlorobenzene	14.05	5.6	22.6	0	62.2	75-125	19.11	30.5	30	SR
Chloroethane	15.91	5.6	22.6	0	70.4	40-155	15.35	3.61	30	
Chloroform	17.47	5.6	22.6	0	77.3	70-125	21.31	19.8	30	
Chloromethane	21.27	11	22.6	2.337	83.8	50-130	23.39	9.49	30	
cis-1,2-Dichloroethene	18.48	5.6	22.6	0	81.8	65-125	23.71	24.8	30	
cis-1,3-Dichloropropene	17.74	5.6	22.6	0	78.5	70-125	22.56	23.9	30	
Dibromochloromethane	16.08	5.6	22.6	0	71.2	65-135	20.39	23.7	30	
Dichlorodifluoromethane	15.64	11	22.6	0	69.2	35-135	19.29	20.9	30	
Ethylbenzene	13.48	5.6	22.6	0	59.6	75-125	18.46	31.2	30	SR
Isopropylbenzene	10.72	5.6	22.6	0	47.4	75-130	16.41	41.9	30	SR
m,p-Xylene	26.37	2.8	45.2	0	58.4	80-125	36.37	31.9	30	SR
Methyl tert-butyl ether	23.76	5.6	22.6	0	105	75-125	30.23	23.9	30	
Methylene chloride	19.28	5.6	22.6	0	85.3	55-140	24.37	23.3	30	
o-Xylene	13.56	2.8	22.6	0	60	75-125	18.5	30.8	30	SR
Styrene	14.11	5.6	22.6	0	62.4	75-125	19.05	29.8	30	S
Tetrachloroethene	11.49	5.6	22.6	0	50.8	65-140	15.76	31.3	30	SR
Toluene	15.61	5.6	22.6	0.3241	67.6	70-125	19.73	23.4	30	S
trans-1,2-Dichloroethene	19.38	5.6	22.6	0	85.8	65-135	24.6	23.8	30	
trans-1,3-Dichloropropene	17.72	11	22.6	0	78.4	65-125	22.42	23.4	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137748** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	16.93	5.6	22.6	0	74.9	75-125	20.39	18.6	30	S
Trichlorofluoromethane	18.36	5.6	22.6	0	81.2	25-185	22.2	18.9	30	
Vinyl chloride	18.64	5.6	22.6	0	82.5	60-125	23.73	24	30	
Xylenes, Total	39.93	5.6	67.8	0	58.9	75-125	54.87	31.5	30	SR
Surr: 1,2-Dichloroethane-d4	*27.17*	0	*22.6*	0	*120*	*70-120*	27.67	*1.83*	*30*	*S*
Surr: 4-Bromofluorobenzene	*23.01*	0	*22.6*	0	*102*	*75-120*	23.7	*2.96*	*30*	
Surr: Dibromofluoromethane	*24.74*	0	*22.6*	0	*109*	*85-115*	24.8	*0.263*	*30*	
Surr: Toluene-d8	*21.58*	0	*22.6*	0	*95.5*	*85-120*	22.26	*3.09*	*30*	

The following samples were analyzed in this batch:

14031107-01A	14031107-02A	14031107-03A
14031107-04A	14031107-19A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137906** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKS1-140328-R137906** Units: **µg/Kg** Analysis Date: **3/28/2014 10:33 AM**
Client ID: Run ID: **VMS7_140328A** SeqNo: **2691201** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1,2-Trichlorotrifluoroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	5.0								
4-Methyl-2-pentanone	U	5.0								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	10								
Ethylbenzene	U	5.0								
Isopropylbenzene	U	5.0								
m,p-Xylene	U	2.5								
Methyl acetate	U	10								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	10								
Methylene chloride	U	5.0								
o-Xylene	U	2.5								
Styrene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R137906** Instrument ID **VMS7** Method: **SW8260**

Tetrachloroethene	U	5.0					
Toluene	U	5.0					
trans-1,2-Dichloroethene	U	5.0					
trans-1,3-Dichloropropene	U	10					
Trichloroethene	U	5.0					
Trichlorofluoromethane	U	5.0					
Vinyl chloride	U	5.0					
Xylenes, Total	U	5.0					
Surr: 1,2-Dichloroethane-d4	*21.31*	0	*20*	0	*107*	*70-120*	0
Surr: 4-Bromofluorobenzene	*19.2*	0	*20*	0	*96*	*75-120*	0
Surr: Dibromofluoromethane	*21.06*	0	*20*	0	*105*	*85-115*	0
Surr: Toluene-d8	*19.36*	0	*20*	0	*96.8*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137906** Instrument ID **VMS7** Method: **SW8260**

LCS Sample ID: **VLCSS1-140328-R137906** Units: **µg/Kg** Analysis Date: **3/28/2014 09:29 AM**
Client ID: Run ID: **VMS7_140328A** SeqNo: **2691200** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	20.58	5.0	20	0	103	70-135	0			
1,1,2,2-Tetrachloroethane	21.13	5.0	20	0	106	55-130	0			
1,1,2-Trichloroethane	21.1	5.0	20	0	106	60-125	0			
1,1-Dichloroethane	23.37	5.0	20	0	117	75-125	0			
1,1-Dichloroethene	24.71	5.0	20	0	124	65-135	0			
1,2,4-Trichlorobenzene	21.04	5.0	20	0	105	65-130	0			
1,2-Dibromo-3-chloropropane	22.57	5.0	20	0	113	40-135	0			
1,2-Dibromoethane	20.68	5.0	20	0	103	70-125	0			
1,2-Dichlorobenzene	20.59	5.0	20	0	103	75-120	0			
1,2-Dichloroethane	21.11	5.0	20	0	106	70-135	0			
1,2-Dichloropropane	21.02	5.0	20	0	105	70-120	0			
1,3-Dichlorobenzene	21.22	5.0	20	0	106	70-125	0			
1,4-Dichlorobenzene	20.73	5.0	20	0	104	70-125	0			
2-Butanone	26.97	10	20	0	135	30-160	0			
2-Hexanone	21.49	5.0	20	0	107	45-145	0			
4-Methyl-2-pentanone	33.26	5.0	20	0	166	114-173	0			
Acetone	24.34	10	20	0	122	20-160	0			
Benzene	21.22	5.0	20	0	106	75-125	0			
Bromodichloromethane	20.31	5.0	20	0	102	70-130	0			
Bromoform	20.87	5.0	20	0	104	55-135	0			
Bromomethane	28.5	10	20	0	142	30-160	0			
Carbon disulfide	26.92	5.0	20	0	135	45-160	0			
Carbon tetrachloride	21.94	5.0	20	0	110	65-135	0			
Chlorobenzene	20.68	5.0	20	0	103	75-125	0			
Chloroethane	21.97	5.0	20	0	110	40-155	0			
Chloroform	21.33	5.0	20	0	107	70-125	0			
Chloromethane	21.6	10	20	0	108	50-130	0			
cis-1,2-Dichloroethene	23.61	5.0	20	0	118	65-125	0			
cis-1,3-Dichloropropene	21.83	5.0	20	0	109	70-125	0			
Dibromochloromethane	20.22	5.0	20	0	101	65-135	0			
Dichlorodifluoromethane	20.13	10	20	0	101	35-135	0			
Ethylbenzene	19.71	5.0	20	0	98.6	75-125	0			
Isopropylbenzene	21.25	5.0	20	0	106	75-130	0			
m,p-Xylene	38.56	2.5	40	0	96.4	80-125	0			
Methyl tert-butyl ether	25.6	5.0	20	0	128	75-125	0			S
Methylene chloride	23.34	5.0	20	0	117	55-140	0			
o-Xylene	21.24	2.5	20	0	106	75-125	0			
Styrene	20.46	5.0	20	0	102	75-125	0			
Tetrachloroethene	18.85	5.0	20	0	94.2	65-140	0			
Toluene	19.81	5.0	20	0	99	70-125	0			
trans-1,2-Dichloroethene	24.56	5.0	20	0	123	65-135	0			
trans-1,3-Dichloropropene	21.74	10	20	0	109	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137906** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	21.47	5.0	20	0	107	75-125	0
Trichlorofluoromethane	23.7	5.0	20	0	118	25-185	0
Vinyl chloride	23.34	5.0	20	0	117	60-125	0
Xylenes, Total	59.8	5.0	60	0	99.7	75-125	0
Surr: 1,2-Dichloroethane-d4	*21.96*	0	*20*	0	*110*	*70-120*	0
Surr: 4-Bromofluorobenzene	*20.06*	0	*20*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*21.89*	0	*20*	0	*109*	*85-115*	0
Surr: Toluene-d8	*19.18*	0	*20*	0	*95.9*	*85-120*	0

The following samples were analyzed in this batch:

14031107-05A	14031107-08A	14031107-10A
14031107-11A	14031107-12A	14031107-13A
14031107-14A	14031107-15A	14031107-17A
14031107-18A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKS1-140331-R138030** Units: **µg/Kg** Analysis Date: **3/31/2014 11:12 AM**
Client ID: Run ID: **VMS7_140331A** SeqNo: **2693377** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1,2-Trichlorotrifluoroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dibromo-3-chloropropane	U	5.0								
1,2-Dibromoethane	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	5.0								
4-Methyl-2-pentanone	U	5.0								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	10								
Carbon disulfide	U	5.0								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	10								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Cyclohexane	U	5.0								
Dibromochloromethane	U	5.0								
Dichlorodifluoromethane	U	10								
Ethylbenzene	U	5.0								
Isopropylbenzene	U	5.0								
m,p-Xylene	U	2.5								
Methyl acetate	U	10								
Methyl tert-butyl ether	U	5.0								
Methylcyclohexane	U	10								
Methylene chloride	1.91	5.0								J
o-Xylene	U	2.5								
Styrene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

Tetrachloroethene	U	5.0					
Toluene	U	5.0					
trans-1,2-Dichloroethene	U	5.0					
trans-1,3-Dichloropropene	U	10					
Trichloroethene	U	5.0					
Trichlorofluoromethane	U	5.0					
Vinyl chloride	U	5.0					
Xylenes, Total	U	5.0					
Surr: 1,2-Dichloroethane-d4	*20.13*	0	*20*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*19.33*	0	*20*	0	*96.6*	*75-120*	0
Surr: Dibromofluoromethane	*19.97*	0	*20*	0	*99.8*	*85-115*	0
Surr: Toluene-d8	*19.37*	0	*20*	0	*96.8*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

LCS Sample ID: **VLCSS1-140331-R138030** Units: **µg/Kg** Analysis Date: **3/31/2014 10:01 AM**
Client ID: Run ID: **VMS7_140331A** SeqNo: **2693376** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	19.39	5.0	20	0	97	70-135	0			
1,1,2,2-Tetrachloroethane	20.1	5.0	20	0	100	55-130	0			
1,1,2-Trichloroethane	18.97	5.0	20	0	94.8	60-125	0			
1,1-Dichloroethane	20.12	5.0	20	0	101	75-125	0			
1,1-Dichloroethene	20.83	5.0	20	0	104	65-135	0			
1,2,4-Trichlorobenzene	19.27	5.0	20	0	96.4	65-130	0			
1,2-Dibromo-3-chloropropane	21.81	5.0	20	0	109	40-135	0			
1,2-Dibromoethane	19.09	5.0	20	0	95.4	70-125	0			
1,2-Dichlorobenzene	18.85	5.0	20	0	94.2	75-120	0			
1,2-Dichloroethane	19.68	5.0	20	0	98.4	70-135	0			
1,2-Dichloropropane	19.37	5.0	20	0	96.8	70-120	0			
1,3-Dichlorobenzene	18.92	5.0	20	0	94.6	70-125	0			
1,4-Dichlorobenzene	18.91	5.0	20	0	94.6	70-125	0			
2-Butanone	24.13	10	20	0	121	30-160	0			
2-Hexanone	21.71	5.0	20	0	109	45-145	0			
4-Methyl-2-pentanone	32.15	5.0	20	0	161	114-173	0			
Acetone	22.82	10	20	0	114	20-160	0			
Benzene	19.78	5.0	20	0	98.9	75-125	0			
Bromodichloromethane	19.02	5.0	20	0	95.1	70-130	0			
Bromoform	20.02	5.0	20	0	100	55-135	0			
Bromomethane	23.94	10	20	0	120	30-160	0			
Carbon disulfide	22.32	5.0	20	0	112	45-160	0			
Carbon tetrachloride	20.23	5.0	20	0	101	65-135	0			
Chlorobenzene	18.82	5.0	20	0	94.1	75-125	0			
Chloroethane	16.31	5.0	20	0	81.6	40-155	0			
Chloroform	18.84	5.0	20	0	94.2	70-125	0			
Chloromethane	17.16	10	20	0	85.8	50-130	0			
cis-1,2-Dichloroethene	20.66	5.0	20	0	103	65-125	0			
cis-1,3-Dichloropropene	20.23	5.0	20	0	101	70-125	0			
Dibromochloromethane	18.81	5.0	20	0	94	65-135	0			
Dichlorodifluoromethane	13.68	10	20	0	68.4	35-135	0			
Ethylbenzene	18.71	5.0	20	0	93.6	75-125	0			
Isopropylbenzene	19.05	5.0	20	0	95.2	75-130	0			
m,p-Xylene	37.84	2.5	40	0	94.6	80-125	0			
Methyl tert-butyl ether	22.73	5.0	20	0	114	75-125	0			
Methylene chloride	21.27	5.0	20	0	106	55-140	0			
o-Xylene	18.6	2.5	20	0	93	75-125	0			
Styrene	19.87	5.0	20	0	99.4	75-125	0			
Tetrachloroethene	17.11	5.0	20	0	85.6	65-140	0			
Toluene	18.22	5.0	20	0	91.1	70-125	0			
trans-1,2-Dichloroethene	21.45	5.0	20	0	107	65-135	0			
trans-1,3-Dichloropropene	19.91	10	20	0	99.6	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	19.77	5.0	20	0	98.8	75-125	0
Trichlorofluoromethane	19.61	5.0	20	0	98	25-185	0
Vinyl chloride	18.29	5.0	20	0	91.4	60-125	0
Xylenes, Total	56.44	5.0	60	0	94.1	75-125	0
Surr: 1,2-Dichloroethane-d4	*20.25*	0	*20*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*20.04*	0	*20*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*20.34*	0	*20*	0	*102*	*85-115*	0
Surr: Toluene-d8	*19.21*	0	*20*	0	*96*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

MS Sample ID: **14031230-02A MS** Units: **µg/Kg** Analysis Date: **3/31/2014 01:20 PM**
Client ID: Run ID: **VMS7_140331A** SeqNo: **2693382** Prep Date: DF: **0.868**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	15.02	4.3	17.36	4.725	59.3	70-135	0			S
1,1,2,2-Tetrachloroethane	14.75	4.3	17.36	0	85	55-130	0			
1,1,2-Trichloroethane	13.81	4.3	17.36	0	79.6	60-125	0			
1,1-Dichloroethane	15.97	4.3	17.36	0	92	75-125	0			
1,1-Dichloroethene	16.72	4.3	17.36	0	96.3	65-135	0			
1,2,4-Trichlorobenzene	10.36	4.3	17.36	0	59.7	65-130	0			S
1,2-Dibromo-3-chloropropane	14.34	4.3	17.36	0	82.6	40-135	0			
1,2-Dibromoethane	14.34	4.3	17.36	0	82.6	44-112	0			
1,2-Dichlorobenzene	12.42	4.3	17.36	0	71.6	75-120	0			S
1,2-Dichloroethane	15.61	4.3	17.36	0	89.9	70-135	0			
1,2-Dichloropropane	14.82	4.3	17.36	0	85.4	70-120	0			
1,3-Dichlorobenzene	12.17	4.3	17.36	0	70.1	70-125	0			
1,4-Dichlorobenzene	12.11	4.3	17.36	0	69.8	70-125	0			S
2-Butanone	34.45	8.7	17.36	2.467	184	30-160	0			S
2-Hexanone	24.14	4.3	17.36	0	139	45-145	0			
4-Methyl-2-pentanone	25.69	4.3	17.36	0	148	52-180	0			
Acetone	53.15	8.7	17.36	6.717	267	20-160	0			S
Benzene	15.19	4.3	17.36	0.4607	84.8	75-125	0			
Bromodichloromethane	14.46	4.3	17.36	0	83.3	70-130	0			
Bromoform	14.36	4.3	17.36	0	82.7	55-135	0			
Bromomethane	18.23	8.7	17.36	0	105	30-160	0			
Carbon disulfide	17.44	4.3	17.36	0	100	45-160	0			
Carbon tetrachloride	15.1	4.3	17.36	0	87	65-135	0			
Chlorobenzene	13.32	4.3	17.36	0	76.7	75-125	0			
Chloroethane	14.71	4.3	17.36	0	84.8	40-155	0			
Chloroform	15.09	4.3	17.36	0	86.9	70-125	0			
Chloromethane	13.55	8.7	17.36	0	78	50-130	0			
cis-1,2-Dichloroethene	16.17	4.3	17.36	0	93.2	65-125	0			
cis-1,3-Dichloropropene	15.24	4.3	17.36	0	87.8	70-125	0			
Dibromochloromethane	13.5	4.3	17.36	0	77.8	65-135	0			
Dichlorodifluoromethane	11.61	8.7	17.36	0	66.8	35-135	0			
Ethylbenzene	13.69	4.3	17.36	0.1932	77.7	75-125	0			
Isopropylbenzene	14.12	4.3	17.36	0	81.4	75-130	0			
m,p-Xylene	28.55	2.2	34.72	0.2898	81.4	80-125	0			
Methyl tert-butyl ether	18.19	4.3	17.36	0	105	75-125	0			
Methylene chloride	17.85	4.3	17.36	0	103	55-140	0			
o-Xylene	14.07	2.2	17.36	0	81	75-125	0			
Styrene	14.09	4.3	17.36	0	81.2	75-125	0			
Tetrachloroethene	15.16	4.3	17.36	0	87.4	65-140	0			
Toluene	14.1	4.3	17.36	0.6613	77.4	70-125	0			
trans-1,2-Dichloroethene	16.87	4.3	17.36	0	97.2	65-135	0			
trans-1,3-Dichloropropene	14.64	8.7	17.36	0	84.4	65-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	15.53	4.3	17.36	0	89.4	75-125	0
Trichlorofluoromethane	15.81	4.3	17.36	0	91.1	25-185	0
Vinyl chloride	14.94	4.3	17.36	0	86	60-125	0
Xylenes, Total	42.62	4.3	52.08	0.2898	81.3	75-125	0
Surr: 1,2-Dichloroethane-d4	*18.88*	0	*17.36*	0	*109*	*70-120*	0
Surr: 4-Bromofluorobenzene	*17.65*	0	*17.36*	0	*102*	*75-120*	0
Surr: Dibromofluoromethane	*17.81*	0	*17.36*	0	*103*	*85-115*	0
Surr: Toluene-d8	*16.54*	0	*17.36*	0	*95.2*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

MSD Sample ID: **14031230-02A MSD** Units: **µg/Kg** Analysis Date: **3/31/2014 01:45 PM**
Client ID: Run ID: **VMS7_140331A** SeqNo: **2693383** Prep Date: DF: **0.856**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	15.2	4.3	17.12	4.725	61.2	70-135	15.02	1.23	30	S
1,1,2,2-Tetrachloroethane	14.31	4.3	17.12	0	83.6	55-130	14.75	2.99	30	
1,1,2-Trichloroethane	14.51	4.3	17.12	0	84.8	60-125	13.81	4.94	30	
1,1-Dichloroethane	16.15	4.3	17.12	0	94.4	75-125	15.97	1.13	30	
1,1-Dichloroethene	16.69	4.3	17.12	0	97.5	65-135	16.72	0.154	30	
1,2,4-Trichlorobenzene	10.19	4.3	17.12	0	59.5	65-130	10.36	1.73	30	S
1,2-Dibromo-3-chloropropane	15	4.3	17.12	0	87.6	40-135	14.34	4.48	30	
1,2-Dibromoethane	14.36	4.3	17.12	0	83.8	44-112	14.34	0.11	30	
1,2-Dichlorobenzene	11.95	4.3	17.12	0	69.8	75-120	12.42	3.87	30	S
1,2-Dichloroethane	15.84	4.3	17.12	0	92.5	70-135	15.61	1.46	30	
1,2-Dichloropropane	15.31	4.3	17.12	0	89.4	70-120	14.82	3.24	30	
1,3-Dichlorobenzene	11.98	4.3	17.12	0	70	70-125	12.17	1.61	30	S
1,4-Dichlorobenzene	12.04	4.3	17.12	0	70.3	70-125	12.11	0.607	30	
2-Butanone	33.16	8.6	17.12	2.467	179	30-160	34.45	3.81	30	S
2-Hexanone	24.94	4.3	17.12	0	146	45-145	24.14	3.28	30	S
4-Methyl-2-pentanone	25.46	4.3	17.12	0	149	52-180	25.69	0.92	30	
Acetone	53.67	8.6	17.12	6.717	274	20-160	53.15	0.98	30	S
Benzene	15.68	4.3	17.12	0.4607	88.9	75-125	15.19	3.19	30	
Bromodichloromethane	14.62	4.3	17.12	0	85.4	70-130	14.46	1.1	30	
Bromoform	13.77	4.3	17.12	0	80.4	55-135	14.36	4.15	30	
Bromomethane	18.58	8.6	17.12	0	109	30-160	18.23	1.93	30	
Carbon disulfide	17.29	4.3	17.12	0	101	45-160	17.44	0.846	30	
Carbon tetrachloride	15.14	4.3	17.12	0	88.4	65-135	15.1	0.261	30	
Chlorobenzene	13.4	4.3	17.12	0	78.2	75-125	13.32	0.609	30	
Chloroethane	14.8	4.3	17.12	0	86.4	40-155	14.71	0.594	30	
Chloroform	15.01	4.3	17.12	0	87.6	70-125	15.09	0.533	30	
Chloromethane	13.58	8.6	17.12	0	79.4	50-130	13.55	0.26	30	
cis-1,2-Dichloroethene	16.29	4.3	17.12	0	95.2	65-125	16.17	0.732	30	
cis-1,3-Dichloropropene	15.25	4.3	17.12	0	89	70-125	15.24	0.0215	30	
Dibromochloromethane	13.76	4.3	17.12	0	80.4	65-135	13.5	1.9	30	
Dichlorodifluoromethane	11.3	8.6	17.12	0	66	35-135	11.61	2.67	30	
Ethylbenzene	13.46	4.3	17.12	0.1932	77.5	75-125	13.69	1.71	30	
Isopropylbenzene	13.38	4.3	17.12	0	78.2	75-130	14.12	5.4	30	
m,p-Xylene	27.49	2.1	34.24	0.2898	79.5	80-125	28.55	3.76	30	S
Methyl tert-butyl ether	17.92	4.3	17.12	0	105	75-125	18.19	1.54	30	
Methylene chloride	17.92	4.3	17.12	0	105	55-140	17.85	0.343	30	
o-Xylene	13.78	2.1	17.12	0	80.5	75-125	14.07	2.07	30	
Styrene	13.84	4.3	17.12	0	80.8	75-125	14.09	1.76	30	
Tetrachloroethene	18.04	4.3	17.12	0	105	65-140	15.16	17.3	30	
Toluene	14.14	4.3	17.12	0.6613	78.7	70-125	14.1	0.256	30	
trans-1,2-Dichloroethene	16.66	4.3	17.12	0	97.3	65-135	16.87	1.29	30	
trans-1,3-Dichloropropene	14.44	8.6	17.12	0	84.4	65-125	14.64	1.39	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R138030** Instrument ID **VMS7** Method: **SW8260**

Trichloroethene	15.75	4.3	17.12	0	92	75-125	15.53	1.42	30
Trichlorofluoromethane	15.77	4.3	17.12	0	92.1	25-185	15.81	0.3	30
Vinyl chloride	15.02	4.3	17.12	0	87.8	60-125	14.94	0.564	30
Xylenes, Total	41.28	4.3	51.36	0.2898	79.8	75-125	42.62	3.2	30
Surr: 1,2-Dichloroethane-d4	*18.54*	0	*17.12*	0	*108*	*70-120*	18.88	*1.81*	*30*
Surr: 4-Bromofluorobenzene	*17.7*	0	*17.12*	0	*103*	*75-120*	17.65	*0.315*	*30*
Surr: Dibromofluoromethane	*17.5*	0	*17.12*	0	*102*	*85-115*	17.81	*1.78*	*30*
Surr: Toluene-d8	*16.31*	0	*17.12*	0	*95.2*	*85-120*	16.54	*1.39*	*30*

The following samples were analyzed in this batch: 14031107-14A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Tetra Tech
Work Order: 14031107
Project: Spotless Car Wash March 2014

QC BATCH REPORT

Batch ID: **R137836** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS-R137836** Units: **% of sample** Analysis Date: **3/26/2014 09:31 AM**
Client ID: Run ID: **MOIST_140326A** SeqNo: **2687241** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	U	0.050								

LCS Sample ID: **LCS-R137836** Units: **% of sample** Analysis Date: **3/26/2014 09:31 AM**
Client ID: Run ID: **MOIST_140326A** SeqNo: **2687240** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5		0		

DUP Sample ID: **14031119-06A DUP** Units: **% of sample** Analysis Date: **3/26/2014 09:31 AM**
Client ID: Run ID: **MOIST_140326A** SeqNo: **2687237** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	4.63	0.050	0	0	0	0-0	4.37	5.78	20	

DUP Sample ID: **14031119-07A DUP** Units: **% of sample** Analysis Date: **3/26/2014 09:31 AM**
Client ID: Run ID: **MOIST_140326A** SeqNo: **2687239** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	5.76	0.050	0	0	0	0-0	5.6	2.82	20	

The following samples were analyzed in this batch:

14031107-01B	14031107-02B	14031107-03B
14031107-04B	14031107-05B	14031107-06B
14031107-07B	14031107-08B	14031107-09B
14031107-10B	14031107-11B	14031107-12B
14031107-13B	14031107-14B	14031107-15B
14031107-16B	14031107-17B	14031107-18B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental

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Chain of Custody Form

Page 1 of 1

COC ID: 105786

Houston, TX +1 281 530 5656 | Spring City, PA +1 610 948 4903 | South Charleston, WV +1 304 356 3168 | Middletown, PA +1 717 944 5541 | Salt Lake City, UT +1 801 266 7700 | York, PA +1 717 505 5280

ALS Project Manager: | ALS Work Order #: 14031107

Customer Information		Project Information		Parameter/Method Request for Analysis	
ase Order		Project Name	Spotless Car Wash, St. Louis, MO	A	TCL Volatiles with GRO (C6-C10)
ork Order		Project Number	103X9025 14 0002.017	B	PAHs with DRO (C10-C28)
any Name	Tetra Tech	Bill To Company	Tetra Tech	C	Lead
Report To	Christina Engemann	Invoice Attn	Emily Fisher	D	DRO (C10-C28), no PAHs
Address	14721 Duden Hills Rd	Address	415 Oak Street	E	% Moisture
				F	
/State/Zip	Marthasville, MO 63357	City/State/Zip	Kansas City, MO 64106	G	
Phone	(816) 412-1755	Phone	(816) 412-1755	H	
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
il Address	christina.engemann@tetratech.com	e-Mail Address	emily.fisher@tetratech.com	J	

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
Tank 5 Floor	3-20-14	11:28	Soil	8.9	7	X	X	X		X						
Tank 6 Floor	3-20-14	11:42	"	↓	7	↓	↓	↓		↓						
Tank 8 Floor	3-20-14	13:35	"		7											
Tank 7 Floor	3-20-14	13:~~40~~ 50	"		7											
Tank 6-7 North Wall	3-20-14	14:05	"		7											
Tank 4 Floor	3-21-14	8:18	"		7											
Tank 3 Floor	3-21-14	8:44	"		7											
Tank 2 Floor	3-21-14	8:53	"		7											
Tank 1 Floor	3-21-14	9:05	"		7											
West Tank Pit Wall	3-21-14	9:20	"	↓	7	↓	↓	↓		↓						

r(s) Please Print & Sign: Christina Engemann — Christina Engemann

Shipment Method: FedEx

Required Turnaround Time: (Check Box): ☒ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other

Results Due Date:

	Date:	Time:	Received by:	Notes:
shed by: Christina Engemann	3-24-14	1900	FED EX	
shed by: FED EX	3/25/14	1000	Received by (Laboratory):	
by (Laboratory): DPS	3/25/14	1445	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
	3.8°C
	4.8°C

QC Package: (Check One Box Below)
- ☐ Level II Std QC
- ☐ Level III Std QC/Raw Data
- ☐ Level IV SW846/CLP
- ☐ Other
- ☐ TRRP CheckList
- ☐ TRRP Level IV

vative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
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Chain of Custody Form

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ALS Project Manager: | ALS Work Order #:

Customer Information		Project Information		Parameter/Method Request for Analysis	
chase Order		Project Name	Spotless Car Wash, St. Louis, MO	A	TCL Volatiles with GRO (C6-C10)
Work Order		Project Number	103X9025140002.017	B	PAHs with DRO (C10-C28)
pany Name	Tetra Tech	Bill To Company	Tetra Tech	C	Lead
d Report To	Christina Engemann	Invoice Attn	Emily Fisher	D	DRO (C10-C28), no PAHs
Address	14721 Duden Hills Rd	Address	415 Oak Street	E	% Moisture
				F	
y/State/Zip	Marthasville, MO 63357	City/State/Zip	Kansas City, MO 64106	G	
Phone	(816) 412-1755	Phone	(816) 412-1755	H	
Fax	(816) 410-1748	Fax	(816) 410-1748	I	
ail Address	christina.engemann@tetratech.com	e-Mail Address	emily.fisher@tetratech.com	J	

Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
SB-1 (14-16)	3-24-14	1304	Soil	8,9	7	X	X	X		X						
SB-2 (4-6)	3-24-14	1329			7											
SB-3 (14-16)	3-24-14	1403			7											
SB-4 (3-4)	3-24-14	1432			7											
SB-5 (3-4)	3-24-14	1441			7											
SB-6 (1-3)	3-24-14	1449			7											
SB-7 (4-5)	3-24-14	1534			7											
SB-8 (14-16)	3-24-14	1603			7											
Trip Blank				X	4	X										

END OF SOB 3-24-14 CAE

ler(s) Please Print & Sign: Christina Engemann Christina Engemann	Shipment Method: FedEx	Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other	Results Due Date:
quished by: Christina Engemann	Date: 3-24-14 Time: 1900	Received by: FED EX	Notes:
quished by: FED EX	Date: 3/25/14 Time: 1000	Received by (Laboratory):	
d by (Laboratory): DES	Date: 3/25/14 Time: 1445	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
	3.8°C
	4.8°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

ervative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

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3. The Chain of Custody is a legal document. All information must be completed accurately.

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Sample Receipt Checklist

Client Name: **TETRATECH - MO** Date/Time Received: **25-Mar-14 10:00**

Work Order: **14031107** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 25-Mar-14 (Date) Reviewed by: Ann Preston (eSignature) 26-Mar-14 (Date)

Matrices: Soil
Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.8 c, 4.8 c		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	3/25/2014 4:02:00 PM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 3-24-14 Time: 1830
Name: Christina Grossman
Company: Tetra Tech

Seal Broken By:

Date:

3.8°C

From: (636) 326-6772
Christina Engemann
Tetra Tech
806 Horan Drive

Fenton, MO 63026

Origin ID: SUSA

FedEx Express

J14101402070326

Ship Date: 24MAR14
ActWgt: 25.0 LB
CAD: 102353506/INET3490

Delivery Address Bar Code

Ref # 103X9025140002.017
Invoice #
PO #
Dept #

SHIP TO: (616) 399-6070 BILL SENDER

SAMPLE RECEIVING
ALS GROUP USA, CORP
3352 128TH AVENUE

HOLLAND, MI 49424

1 of 4

TUE - 25 MAR AA
STANDARD OVERNIGHT

TRK# 0201 **7983 2131 6105**

MASTER

NA GRRA

49424
MI-US
GRR

522G1/CC4F/F220

After printing this label:
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3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 3-24-14 Time: 1830
Name: Christina Engemann
Company: Tetra Tech

Seal Broken By:
Date:

From: (636) 326-6772
Christina Engemann
Tetra Tech
806 Horan Drive

Fenton, MO 63026

Origin ID: SUSA

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PO #
Dept #

SHIP TO: (616) 399-6070 BILL SENDER

SAMPLE RECEIVING
ALS GROUP USA, CORP
3352 128TH AVENUE

HOLLAND, MI 49424

2 of 4

TUE - 25 MAR AA
STANDARD OVERNIGHT

MPS# 7983 2131 5738
0263
Mstr# 7983 2131 6105 0201

49424
MI-US
GRR

NA GRRA

522G1/CC4F/F220

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UST Disposal Information

-Grossman Iron

/14

#: ENVI03

Grossman Iron & Steel Co
SETTLEMENT SUMMARY
FOR: ENVIRONMENTAL RESTORATION
ATTN: DENNIS
1666 FABICK DR
ST. LOUIS MO 63026

ENVIRONMENTAL RESTORATION
ST. LOUIS MO

OAD ATE	CONTRACT # / SHIPMNT # / TICKET # / INVOICE # / VEHICLE NO./ TRIP# / B/L#	LN	MATERIAL CODE	DESCRIPTION / YD / INITIAL CHECK / SETTLE CHECK	----- WEIGHTS -----					OUR PRICE / YOUR PRICE / YOUR INVCE AMT	UM / UM / UM	ADJ. AMOUNT / INITIAL FRT / DEAD FRT / EXCESS FRT	TOTAL AMT / INITIAL PAY / FRT ADJ / OTHER ADJ / CHK AMT
3/21/14			#2 HMS - Unprepared		RECV G	2000	SHIP G	2000		210.0000	NT	.00	210.00
	TAIPOX		7270	A						210.0000	NT	.00	
	TAIPOX			515313	N	2000	N	2000		210.00			
	TAIPOX00												
					SETTLE WGT	2000							
	TK 70AD1K												210.00
3/26/14	ENVI030114	01	STEEL SCRAP		RECV G	9880	SHIP G	9880		170.0000	NT	.00	839.80
	184028		7350	A						170.0000	NT	.00	
	TAIGKM				N	9880	N	9880		839.80		.00	
	NR 032614			515313								.00	
					SETTLE WGT	9880							
	TK 86		072539							SETTLEMENT PAYMENT			839.80

WEIGHT 11880

CHECK 515313 TOTALS = 1049.80

SETTLEMENT = initial payment less freight adj & adj. amount
FREIGHT ADJ = dead & excess freight based on guaranteed minimum weight
ADJ. AMOUNT = difference between our weights and your weights at contracted price
OTHER MISC = tolerance/second adjustments after final settlement was made

Grossman Iron & Steel Co.
5 North Market Street, St.Louis, MO 63102 (314)231-9423

~UNLESS OTHERWISE NOTED, ENDORSEMENT OF THE ACCOMPANYING CHECK WILL CONSTITUTE A FULL RECEIPT FOR THE ACCO
STATED HEREON. IF INCORRECT, PLEASE NOTIFY US AT ONCE.~

ENVIRONMENTAL RESTORATION
Vendor # ENVI03

Date: 03/28/14
Check No: 515313

SEE ATTACHED FOR DETAIL

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

GROSSMAN

GROSSMAN IRON & STEEL CO
5 North Market Street
St. Louis, MO 63102
(314) 231-9423

VOID AFTER 90 DAYS

DATE
03/28/14

No. 515313

CHECK AMOUNT
*******1,049.80

PAY EXACTLY One Thousand Forty Nine and 80/100 Dollars

Commerce Bank

PAY TO THE ORDER OF
ENVIRONMENTAL RESTORATION
ATTN: DENNIS
1666 FABICK DR
ST. LOUIS, MO 63026

AUTHORIZED SIGNATURE

SECURITY FEATURES INCLUDED. DETAILS ON BACK.

⑈515313⑈ ⑆101000019⑆ 20801255⑈

POSTED
V#: ____
Job Code: 8F7 Team Sub: ☐ Key#: 50
Date Posted: 8/12 Posted by: CB Approval: DW
Billable:$ 1049.80 GL#: 5200-005
Non-Billable:$ ____ GL#: ____

CERLCA Off-site Disposal Report

-Totes

-Rolloff

CERCLA OFF-SITE DISPOSAL REPORT

CONTRACT #: EP-S7-13-05

1. Superfund Site Name: EPA TBA –Former Spotless Carwash Site TO#: 025
   State: MO
   CERCLIS Number:
   U.S. EPA Generator Number: MOR 000 549 196

2. Type of Action (check two);
   ☐ Removal ☒ Remedial
   ☐ Fund-Financed ☒ Fund-Financed
   ☐ PRP-Financed ☐ PRP-Financed

3. Type of Waste and Form; (Check one for each)
   *If more than one type attach separate sheet for this and remaining questions for each type.

   Type:
   ☐ Solvents
   ☐ Dioxin/Furans
   ☒ Heavy Metals *(Specify)*
   Lead
   ☐ Cyanides
   ☐ Acids
   ☐ Halogenated Organics
   ☐ Other RCRA-Listed Hazardous Wastes *(Benzene)*
   ☐ Non-Hazardous or De-Listed Wastes

   Form:
   ☐ Wastewater
   ☐ Liquid Wastes
   ☐ Organic Sludge *(greater than 1% solids)*
   ☐ Inorganic Sludge *(less than 1% total organic carbon)*
   ☐ Solid or Solidified Waste
   ☒ Contaminated Soil & Debris

4. Quantity of Waste: **15 cubic yards [1 rolloff]**

5. Range, average, and/or representative concentrations of the contaminates of concern:
   Meets or exceeds the regulatory level for the contaminants of concern: D008

6. Pre-Treatment of waste before transportation;
   ☒ Not Applicable
   ☐ Neutralization
   ☐ Stabilization
   ☐ Other *(Specify)*_____
   ☐ Precipitation
   ☐ Fixation
   ☐ Solidification

7. Receiving RCRA facility name: **EQ Illinois [aka Envirite of Illinois]**
   Address: **16435 Center Ave**
   City, State Zip: **Harvey, IL 60426**
   ID Number: **ILD 000 666 205**

8. Receiving Region: **5**

9. Receiving Region Off-Site Contact (RROC): **William Damico**
   Date Contacted: **05/14/14**

10. Date(s) of Shipments: **05/30/14**
    Date Disposal Completed: **06/27/14**
    Date facility signs manifest for receipt of final shipment: **06/06/14**

11. Pre-Treatment of waste at site before final treatment or disposal;
    ☒ Not Applicable
    ☐ Neutralization
    ☐ Stabilization
    ☐ Other *(Specify)*_____
    ☐ Precipitation
    ☐ Fixation
    ☐ Solidification

12. Final method of treatment or disposal;
    ☐ Precipitation
    ☐ Neutralization
    ☐ Incineration
    ☐ Landfill
    ☐ Land Treatment
    ☐ Injection
    ☐ Recovery / Re-Use
    ☒ Other *(Specify)* **Stabilization**

13. If waste was landfilled;
    ☐ Not Applicable
    Landfill cell number or location: **WM -Laraway Landfill**
    Type of liner in cell: **HDPE Composite Liner**

14. Cost of activities:
    Treatment/Disposal: **$1,046.40**
    Transportation: **$1,600.00**

011943596JJK

E146159EIL 63375

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MOR000549195
2. Page 1 of
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 011943596 JJK

5. Generator's Name and Mailing Address
U.S. EPA REGION 7
3300 WISCONSIN AVE
ST LOUIS, MO 63118
Generator's Phone: 913-551-7740
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Midwest Sanitary Service INC
U.S. EPA ID Number: ILD053980272

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIRITE OF ILLINOIS, INC.
16435 CENTER AVE.
HARVEY, IL 60426-7040
Facility's Phone: 708-596-7040
U.S. EPA ID Number: ILD000666205

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, NOS (LEAD CONTAMINATED DEBRIS) 9, PGIII		CM	15	Yd	D008		
	2. Box# 20512							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
APPROVAL #: (1) E146159 EIL
INVOICE (EQ)

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DAVID L. BRINKMEYER AGENT FOR USEPA R7
Signature: AGENT FOR USEPA R7
Month 05 Day 30 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alex Slow
Signature:
Month 5 Day 30 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: LEONARD E. TIMY
Signature:
Month 06 Day 09 Year 14

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Certificate of Disposal

This certificate is to verify that the wastes specified on the following manifest numbers have been properly managed in accordance with all local, state and federal regulations.

Facility: EQ Illinois
16435 Center Avenue
Harvey, IL 60426-6078
Phone: 708-596-7040
Fax: 708-596-7045

Generator: US EPA REGION 7 (MOR 000 549 196)

Manifest
011943596JJK

I certify that the above information is true and correct to the best of my knowledge.

Authorized Signature: John Donelson

9# DC

Dave Brinkmeyer

From: Damico, William <damico.william@epa.gov>
Sent: Wednesday, May 14, 2014 2:45 PM
To: Dave Brinkmeyer
Subject: RE: CERCLA Status - EQ Illinois

Envirite of Illinois (as I will call them until they submit a name change) in Harvey, IL (ILD 000 666 206) is currently acceptable to receive waste regulated by the CERCLA Off-Site rule. This facility appears to have had its most recent compliance inspection 5/14/13.

William Damico
312-353-8207 (v)
312-582-5113 (f)
Region 5
77 W. Jackson Blvd. (LR-8J)
Chicago, IL 60604-3511

From: Dave Brinkmeyer [mailto:d.brinkmeyer@erllc.com]
Sent: Wednesday, May 14, 2014 11:47 AM
To: Damico, William
Subject: RE: CERCLA Status - EQ Illinois

Will

Could you please let me know if the following facility is acceptable to receive CERCLA waste:

EQ Illinois [aka Envirite of Illinois]
16435 Center Avenue
Harvey, IL 60426-6078

EPAID# ILD 000 666 206

Please do not hesitate to contact me if you require additional information

Thank You.
David Brinkmeyer
Environmental Restoration

Confidentiality Warning: This e-mail and any attachments contain information intended only for the use of the individual or entity named above. If the reader of this e-mail is not the intended recipient or the employee or agent responsible for delivering it to the intended recipient, any dissemination, publication or copying of this e-mail is strictly prohibited. The sender does not accept any responsibility for any loss, disruption or damage to your data or computer system that may occur while using data contained in, or transmitted with, this e-mail. If you have received this e-mail in error, please immediately notify by return e-mail. Thank you

Dave Brinkmeyer

From: Damico, William <damico.william@epa.gov>
Sent: Wednesday, September 10, 2014 3:46 PM
To: Dave Brinkmeyer
Subject: RE: CERLCA- WM Laraway Landfill

Laraway RDF operated by Waste Management in Joliet, IL is currently acceptable to receive waste regulated by the CERCLA Off-Site rule. This facility was inspected 4/9/13 (note that there is a long lag between the conduct of an inspection and when I get information about it for IL solid waste landfills).

My information shows the facility has an address of 21233 W. Laraway Rd.

William Damico
312-353-8207 (v)
312-582-5113 (f)
Region 5
77 W. Jackson Blvd. (LR-8J)
Chicago, IL 60604-3511

EQ-The Environmental Quality Company

PO Box 673974, Detroit, MI 48267-3974

INVOICE

ENVIRONMENTAL RESTORATION LLC
1666 FABICK DRIVE
FENTON, MO 63026

P.O.#: BF7-25

Invoice: 84791
Invoice Date: 7/15/2014
Customer ID: 006113
Account Executive: Bob Hummel
Customer Service: Joel Belloni

ATTENTION: Accounts Payable

Invoice Summary

Treatment and Disposal Charges	$1,046.40
Please Pay By 09/13/2014:	**$1,046.40**

Invoice Detail

Receipt: 63275 **Generator:** MOR000549196 US EPA REGION 7 (123729) **EQ Illinois**
D008 LEAD DEBRIS **Hauler:** MIDWEST **Time In:** 15:25
MANIFEST #011943596JJK **Time Out:** 15:30

Reference ID		Qty.	Unit	Price	Ext. Price
26-00 63275-1-1	**Manifest:** 011943596JJK **P.O.#:** BF7-25				
6/6/2014	**Generator:** MOR000549196 US EPA REGION 7 (123729)				
E146159EIL Lead Debris		6.37	TONS	$150.00	$955.50
26-00 63275-2-1	**Manifest:** 011943596JJK **P.O.#:** BF7-25				
6/6/2014	**Generator:** MOR000549196 US EPA REGION 7 (123729)				
State of Illinois Hazardous Waste Treatment Fee		15.00	YARD	$6.06	$90.90
				Subtotal:	**$1,046.40**

Payable to: EQ-The Environmental Quality Company
PO Box 673974
Detroit, MI 48267-3974

Invoice: 84791
Please Pay in U.S. Funds Only By: 9/13/2014
Amount Due: $1,046.40

EQ-The Environmental Quality Company is a separately incorporated Company which provides administrative services to the EQ affiliated group of companies, and EQ-The Environmental Quality Company is their authorized agent to enter into contracts on their behalf. This invoice was prepared on behalf of the following EQ company: EQ Illinois

V# _____ **POSTED**
Job Code: BF7-25 Team Sub: ☐ Key#: 49
Date Posted: 7-23 Posted by: CB Approval: DW
Billable: $1046.40 GL#: 5300-002
Non-Billable: $ _____ GL#: _____

Customer Service: 1-800-592-5489 **www.eqonline.com**
6113 (1029737r1)

Invoice

MID-WEST SANITARY SERVICE, INC
PO BOX 83, 333 N OLD ST LOUIS RD
WOOD RIVER, IL 62095
PHONE:(800) 466-0171 FAX:(618) 254-0178
EMAIL: mwsanitary@sbcglobal.net

DATE	INVOICE #
6/13/2014	20143268

BILL TO

ENVIRONMENTAL RESTORATION
ATTN: ACCOUNTS PAYABLE
1666 FABICK DR
FENTON, MO 63026

LOCATION

U.S. EPA REGION 7
ST. LOUIS, MO
CONTACT: DENNIS WILSON

P.O. #	TERMS
	NET 28

DESCRIPTION	AMOUNT
SERVICE FOR JUNE, 2014 LINE ITEM DETAIL ATTACHED	1,600.00

POSTED
V#
Job Code: BE7-25 Team Sub: ☐ Key#: 41
Date Posted: 7-1 Posted by: CB Approval:
Billable: $ 1600.00 GL#: 5300-003
Non-Billable: $ GL #:

Total	$1,600.00

Service
June, 2014

Location/Name	Start Date	End Date	Manifest #	Box #	Description of Service	Qty	Amount	Item Total	Yds/ Tons	Disposal	Mat/ Liner	Sub Total
U.S. EPA Region 7 St. Louis, MO	06/06/14	06/06/14		20512	Deliver/No charge/2 Liners	1.00	$0.00	$0.00			$64.00	$64.00
U.S. EPA Region 7 St. Louis, MO	06/06/14	06/06/14	11943596	20512	Dump at Envirite of Illinois/Harvey, IL	1.00	$1,280.00	$1,280.00				$1,280.00
U.S. EPA Region 7 St. Louis, MO	06/06/14	06/06/14		20512	Fuel Surcharge	1.00	$256.00	$256.00				$256.00

Invoice Total	**1,600.00**

Submitted by: Midwest Sanitary Service, Inc.
Wood River, IL

CERCLA OFF-SITE DISPOSAL REPORT

CONTRACT #: EP-S7-13-05

1. Superfund Site Name: EPA TBA –Former Spotless Carwash Site TO#: 025
   State: MO
   CERCLIS Number:
   U.S. EPA Generator Number: MOR 000 549 196

2. Type of Action (check two);
   ☐ Removal ☒ Remedial
   ☐ Fund-Financed ☒ Fund-Financed
   ☐ PRP-Financed ☐ PRP-Financed

3. Type of Waste and Form; (Check one for each)
   *If more than one type attach separate sheet for this and remaining questions for each type.

   Type:
   ☐ Solvents
   ☐ Dioxin/Furans
   ☐ Heavy Metals *(Specify)*
   _____
   ☐ Cyanides
   ☐ Acids
   ☐ Halogenated Organics
   ☒ Other RCRA-Listed Hazardous Wastes *(Benzene)*
   ☐ Non-Hazardous or De-Listed Wastes

   Form:
   ☐ Wastewater
   ☒ Liquid Wastes
   ☐ Organic Sludge *(greater than 1% solids)*
   ☐ Inorganic Sludge *(less than 1% total organic carbon)*
   ☐ Solid or Solidified Waste
   ☐ Contaminated Soil & Debris

4. Quantity of Waste: **Liquid Waste -3,300 gals [12 totes]**

5. Range, average, and/or representative concentrations of the contaminates of concern:
   Meets or exceeds the regulatory level for the contaminants of concern: D018

6. Pre-Treatment of waste before transportation;
   ☒ Not Applicable
   ☐ Neutralization
   ☐ Stabilization
   ☐ Other *(Specify)*_____
   ☐ Precipitation
   ☐ Fixation
   ☐ Solidification

7. Receiving RCRA facility name: **EQ Illinois [aka Envirite of Illinois]**
   Address: **16435 Center Ave**
   City, State Zip: **Harvey, IL 60426**
   ID Number: **ILD 000 666 205**

8. Receiving Region: **5**

9. Receiving Region Off-Site Contact (RROC): **William Damico**
   Date Contacted: **05/14/14**

10. Date(s) of Shipments: **05/30/14**
    Date Disposal Completed: **06/27/14**
    Date facility signs manifest for receipt of final shipment: **06/06/14**

11. Pre-Treatment of waste at site before final treatment or disposal;
    ☒ Not Applicable
    ☐ Neutralization
    ☐ Stabilization
    ☐ Other *(Specify)*_____
    ☐ Precipitation
    ☐ Fixation
    ☐ Solidification

12. Final method of treatment or disposal;
    ☐ Precipitation
    ☐ Neutralization
    ☐ Incineration
    ☐ Landfill
    ☐ Land Treatment
    ☐ Injection
    ☒ Recovery / Re-Use
    ☐ Other *(Specify)*

13. If waste was landfilled;
    ☒ Not Applicable
    Landfill cell number or location: ____
    Type of liner in cell: _____

14. Cost of activities:
    Treatment/Disposal: **$6,600.00**
    Transportation: **(Included in Disposal Cost)**

24386 E146160EIL

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MOR000543195
2. Page 1 of
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 011943592 JJK

5. Generator's Name and Mailing Address
U.S. EPA REGION 7
3300 WISCONSIN AVE
ST LOUIS, MO 63113
Generator's Phone: 913-551-7749

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: ILLINI ENVIRONMENTAL, INC.
U.S. EPA ID Number: ILR000107088

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIRITE OF ILLINOIS, INC.
16436 CENTER AVE.
HARVEY, IL 60426-7040
Facility's Phone: 708-596-7040
U.S. EPA ID Number: ILD000605205

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
Y	1. UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (BENZENE) PGIII 6-29-14	012	TP	3300	G	D018
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
APPROVAL #: (1) E146160EIL
INVOICE (EC)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: David H. Benkenstein Agent for USEPA R7
Signature: Agent for USEPA R7
Month 05 Day 30 Year 14

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tyrone Fisher
Signature: Tyrone Fisher
Month 5 Day 30 Year 14
Transporter 2 Printed/Typed Name: Scott Kelly
Signature: Scott Kelly
Month 6 Day 6 Year 14

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Steve Pace
Signature: Steve Pace
Month 06 Day 04 Year 14

GENERATOR — TRANSPORTER INTL — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Certificate of Disposal

This certificate is to verify that the wastes specified on the following manifest numbers have been properly managed in accordance with all local, state and federal regulations.

Facility: EQ Illinois
16435 Center Avenue
Harvey, IL 60426-6078
Phone: 708-596-7040
Fax: 708-596-7045

US EPA REGION 7

Manifest:
#011943592JJK

I certify that the above information is true and correct to the best of my knowledge.

Authorized Signature: _____

Dave Brinkmeyer

From: Damico, William <damico.william@epa.gov>
Sent: Wednesday, May 14, 2014 2:45 PM
To: Dave Brinkmeyer
Subject: RE: CERCLA Status - EQ Illinois

Envirite of Illinois (as I will call them until they submit a name change) in Harvey, IL (ILD 000 666 206) is currently acceptable to receive waste regulated by the CERCLA Off-Site rule. This facility appears to have had its most recent compliance inspection 5/14/13.

William Damico
312-353-8207 (v)
312-582-5113 (f)
Region 5
77 W. Jackson Blvd. (LR-8J)
Chicago, IL 60604-3511

From: Dave Brinkmeyer [mailto:d.brinkmeyer@erllc.com]
Sent: Wednesday, May 14, 2014 11:47 AM
To: Damico, William
Subject: RE: CERCLA Status - EQ Illinois

Will

Could you please let me know if the following facility is acceptable to receive CERCLA waste:

EQ Illinois [aka Envirite of Illinois]
16435 Center Avenue
Harvey, IL 60426-6078

EPAID# ILD 000 666 206

Please do not hesitate to contact me if you require additional information

Thank You.
David Brinkmeyer
Environmental Restoration

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EQ-The Environmental Quality Company

PO Box 673974, Detroit, MI 48267-3974

INVOICE

ENVIRONMENTAL RESTORATION LLC
1666 FABICK DRIVE
FENTON, MO 63026

P.O.#: BF7-25

Invoice: 86449
Invoice Date: 7/23/2014
Customer ID: 006113
Account Executive: Bob Hummel
Customer Service: Joel Belloni

ATTENTION: Accounts Payable

Invoice Summary

Treatment and Disposal Charges	$6,600.00
Please Pay By 09/21/2014:	**$6,600.00**

Invoice Detail

Receipt: 63850 **Generator:** MOR000549196 US EPA REGION 7 (123729) **EQ Illinois**
D018 BENZENE CONTAMINATED WATER **Hauler:** ILLINI **Time In:** 9:59
MANIFEST #011943592JJK **Time Out:** 10:02

Reference ID		Qty.	Unit	Price	Ext. Price
26-00 63850-1-1	**Manifest:** 011943592JJK **P.O.#:** BF7-25				
6/27/2014	**Generator:** MOR000549196 US EPA REGION 7 (123729)				
E146160EIL Benzene Contaminated Liquid		12.00	T330	$550.00	$6,600.00
				Subtotal:	**$6,600.00**

Payable to: EQ-The Environmental Quality Company
PO Box 673974
Detroit, MI 48267-3974

Invoice: 86449
Please Pay in U.S. Funds Only By: 9/21/2014
Amount Due: $6,600.00

EQ-The Environmental Quality Company is a separately incorporated Company which provides administrative services to the EQ affiliated group of companies, and EQ-The Environmental Quality Company is their authorized agent to enter into contracts on their behalf. This invoice was prepared on behalf of the following EQ company: EQ Illinois

V# _____ **POSTED**
Job Code: 8725 **Team Sub:** ☐ **Key#:** 48
Date Posted: 7/23 **Posted by:** CB **Approval:** [illegible]
Billable: $ 6600.00 **GL#:** 5800002
Non-Billable: $ _____ **GL#:** _____

Customer Service: 1-800-592-5489 **www.eqonline.com**
6113 (1031168r1)

QAPP

-Tetra Tech

TETRA TECH

December 9, 2013

Mr. Todd Davis
Site Assessment Manager
U.S. Environmental Protection Agency, Region 7
11201 Renner Boulevard
Lenexa, Kansas 66219

Subject: **Quality Assurance Project Plan for a Phase II Targeted Brownfields Assessment, Revision 01**
Former Spotless Car Wash, St. Louis, Missouri
EPA Region 7, START 4, Contract No. EP-S7-13-06, Task Order No. 0002.017
Task Monitor: Todd Davis, Site Assessment Manager

Dear Mr. Davis:

Tetra Tech, Inc. is submitting the attached revised Quality Assurance Project Plan (QAPP) for a Phase II Targeted Brownfields Assessment (TBA) of the Former Spotless Car Wash property at 3300 Wisconsin Avenue, St. Louis, Missouri. The TBA will include investigations to determine whether hazardous substances are associated with recognized environmental conditions and if asbestos and/or lead-based paint are present in the on-site structure.

If you have any questions or comments, please contact the project manager at (816) 412-1775.

Sincerely,

for Rob Monnig, PE
START Project Manager

Ted Faile, PG, CHMM
START Program Manager

Enclosures

cc: Roy Crossland, START Project Officer (cover letter only)

X9025.14.0002.017

415 Oak Street, Kansas City, MO 64106
Tel 816.412.1741 Fax 816.410.1748 www.tetratech.com

CONTENTS

Section/Table **Page**

QUALITY ASSURANCE PROJECT PLAN FORM 1

TABLE 1: SAMPLE SUMMARY 6

TABLE 2: DATA QUALITY OBJECTIVE SUMMARY 7

Appendix

A SITE-SPECIFIC INFORMATION FOR A PHASE II TARGETED BROWNFIELDS ASSESSMENT AT THE FORMER SPOTLESS CAR WASH PROPERTY

B FIGURES

1.6 Special Training/Certification Requirements:

☒ OSHA 1910 ☒ Special Equipment/Instrument Operator (describe below): ☒ Other (describe below):

A lead-based paint survey will be conducted by a Missouri Licensed Lead-Based Paint Inspector, and a Missouri Licensed Asbestos Inspector.

1.7 Documentation and Records:

☒ Field Sheets ☒ Site Log ☐ Trip Report ☒ Site Maps ☐ Video
☒ Chain of Custody ☒ Health and Safety Plan ☒ Letter Report ☒ Photos

☒ Sample documentation will follow EPA Region 7 SOP 2420.05.
☒ Other: Analytical information will be handled according to procedures identified in Table 2.

2.0 Measurement and Data Acquisition:

2.1 Sampling Process Design:

☐ Random Sampling ☐ Transect Sampling ☒ Biased/Judgmental Sampling ☐ Stratified Random Sampling
☐ Search Sampling ☐ Systematic Grid ☐ Systematic Random Sampling ☒ Definitive Sampling
☐ Screening w/o Definitive Confirmation ☒ Screening w/ Definitive Confirmation
☒ Sample Map Attached

☒ Other (Provide rationale behind each sample). See Appendix A for additional sampling information.

The proposed sampling scheme for this project will incorporate a combination of biased/judgmental sampling, field screening, and definitive laboratory analysis, in accordance with procedures included in the *Guidance for Performing Site Inspections Under CERCLA*, OSWER Directive #9345.1-05, September 1992. All samples for off-site analysis will be submitted to a laboratory subcontracted by START. See Appendices A and B for additional site-specific information and maps. The proposed number of samples is a balance between cost and coverage, and represents a reasonable attempt to meet the study objectives while staying within the budget constraints of a typical Targeted Brownfields Assessment.

Sample Summary Location	Matrix	# of Samples*	Analysis
Former Spotless Car Wash	Structural material	60	Asbestos via Polarized Light Microscopy (PLM)
Former Spotless Car Wash	Structural material	6	Asbestos via 400 Point Count
Former Spotless Car Wash	Paint-covered surfaces	50	Total lead via portable XRF (on site)
Bottom/sidewalls of excavations for underground storage tanks (UST) and product lines	Soil	20	VOCs, TPH-GRO, TPH-DRO, PAHs, and lead
Bottom of excavations for hydraulic lift oil reservoir and floor drain/piping	Soil	4	VOCs, TPH-GRO, TPH-DRO, and lead
On-site Geoprobe® borings	Soil	5	VOCs, TPH-GRO, TPH-DRO, PAHs, and lead
On-site Geoprobe® temporary wells	Water	5	VOCs, TPH-GRO, TPH-DRO, PAHs, and lead

*NOTE: QC samples are not included with these totals. See Table 1 for a complete sample summary.

2.2 Sample Methods Requirements:

Matrix	Sampling Method	EPA SOP(s)/Methods
Structural material	Bulk samples will be collected using techniques appropriate for the suspect building material. A coring device will be used to sample interior and exterior locations.	ASTM E 2356-10
Paint-covered surfaces	An XRF analyzer will be used to screen paint-covered surfaces. At approximately 10 percent of those locations, paint chips will be collected for laboratory confirmation analysis for lead. Paint chip samples collected from paint-covered surfaces will be transferred to the appropriate sample containers.	SOP 4231.2011
Soil – Below/adjacent to former USTs and product lines	After removals of USTs and product lines, soil samples will be collected from the bottom and sidewalls of the resulting excavations using disposable stainless steel spoons (see Appendix A for specific sampling methodology).	SOP 4231.2012
Soil – Below former oil reservoir and floor drain/piping	After removals of the hydraulic lift oil reservoir and floor drain/piping, soil samples will be collected at the former locations of these from 0 to 6 inches bgs using disposable stainless steel spoons.	SOP 4231.2012

2.9 Data Acquisition Requirements:

☐ Not Applicable
☒ In accordance with the Generic Quality Assurance Project Plan for Superfund Site Assessment and Targeted Brownfields Assessment Programs (updated October 2012).
☒ Previous data/information pertaining to the site (including other analytical data, reports, photos, maps, etc., which are referenced in this QAPP) have been compiled by EPA and/or its contractor(s) from other sources. Some of that data has not been verified by EPA and/or its contractor(s); however, the information will not be used for decision-making purposes by EPA without verification by an independent professional qualified to verify such data/information.
☐ Other (Describe):

2.10 Data Management:

☐ All laboratory data acquired will be managed in accordance with Region 7 EPA SOP 2410.01
☒ Other (Describe): Laboratory data acquired at START-contracted laboratories will be managed in accordance with their established procedures.

3.0 Assessment and Oversight:

3.1 Assessment and Response Actions:

☒ Peer Review ☒ Management Review ☐ Field Audit ☐ Lab Audit

☐ Assessment and response actions pertaining to analytical phases of the project are addressed in Region 7 EPA SOPs 2430.06 and 2430.12.
☒ Other (Describe): Assessment and response actions pertaining to analytical phases of the project will accord with procedures established by the START-contracted laboratory. Because of the limited duration of this activity, no field audits are anticipated.

3.1A Corrective Action:

☒ Corrective actions will be taken at the discretion of the EPA Project Manager whenever there appear to be problems that could adversely affect data quality and/or resulting decisions affecting future response actions pertaining to the site.
☐ Other (Describe):

3.2 Reports to Management:

☐ Audit Report ☒ Data Validation Report ☐ Project Status Report ☐ None Required
☒ A letter report describing the sampling techniques, locations, problems encountered (with resolutions to those problems), and interpretation of analytical results will be prepared by Tetra Tech START and submitted to the EPA.
☒ Reports will be prepared in accordance with the Generic Quality Assurance Project Plan for Superfund Site Assessment and Targeted Brownfields Assessment Programs (updated October 2012).
☐ Other (Describe):

4.0 Data Validation and Usability:

4.1 Data Review, Validation, and Verification Requirements:

☐ Identified in attached table:
☒ Data review and verification will accord with the Generic Quality Assurance Project Plan for Superfund Site Assessment and Targeted Brownfields Assessment Programs (updated October 2012).
☐ Data review and verification will be performed by a qualified analyst and the laboratory's section manager as described in Region 7 EPA SOPs 2430.06, 2430.12, and 2410.10.
☒ Other (Describe): Review and verification of data generated at START-contracted laboratories will be conducted by START chemists in accordance with EPA-approved procedures.

4.2 Validation and Verification Methods:

☐ Identified in attached table:
☐ The data will be validated in accordance with Region 7 EPA SOPs 2430.06, 2430.12, and 2410.10.
☒ The EPA Project Manager will inspect the data to provide a final review. The EPA Project Manager will also compare the sample descriptions with the field sheets for consistency and will ensure that any anomalies in the data are appropriately documented.
☒ Other (Describe): Validation of data generated by START-contracted laboratories will be conducted by START chemists in accordance with EPA-approved procedures.

Region 7 Superfund Program
Addendum for the Generic QAPP for Superfund Site Assessment and Targeted Brownfields Assessment Programs (October 2012)
for the Former Spotless Car Wash Property

Table 1: Sample Summary

Site Name: Former Spotless Car Wash	**Location:** St. Louis, Missouri	
START Project Manager: Rob Monnig	**Activity/ASR #:** NA, START-contracted laboratory	**Date:** December 2013

No. of Samples	Matrix	Location	Purpose	Depth or other Descriptor	Requested Analysis	Sampling Method	Analytical Method/SOP
60	Structural Material	On-site structures	To quantify asbestos in building materials	Bulk material from walls, ceilings, and on pipes	Asbestos via PLM	ASTM E 2356-10	Method 600/R-93/116
6	Structural Material	On-site structures	To verify quantification of asbestos in building materials	Bulk material from floors, walls, ceilings, and on pipes	Asbestos via 400 Point Count	ASTM E 2356-10	Method 600/R-93/116
50	Paint-Covered Surfaces	On-site structures, paint-covered surfaces	To quantify lead in paint on structures	Paint-covered surfaces	Total lead via XRF screening	NA (in situ)	Method 6200
20	Soil	Bottoms/sidewalls of excavations for USTs and product lines	To assess potential contamination of soil	Soil from bottoms/sidewalls of UST excavations and soil below removed product lines	VOCs, TPH (GRO, DRO), PAHs, and lead	EPA SOP 4231.2012	EPA Methods 5035/8260, 8270, and 6010
4	Soil	Bottoms of excavations for hydraulic lift oil reservoir and floor drain/piping	To assess potential contamination of soil	Soil from 0 to 6 inches bgs below the hydraulic lift oil reservoir and floor drain/piping following their removals	VOCs, TPH (GRO, DRO), and lead	EPA SOP 4231.2012	Methods 5035/8260, 8270, and 6010
5	Soil	On-site Geoprobe® borings	To assess potential subsurface soil contamination from site operations	2-foot interval (between 0 and 20 feet bgs) based on field screening results	VOCs, TPH (GRO, DRO), PAHs, and lead	EPA SOPs 4230.07, 4230.03, & 4231.2012; EPA Method 5035	Methods 5035/8260, 8270, and 6010
5	Water	On-site Geoprobe® temporary wells	To assess potential groundwater contamination from site operations	Directly below the water table	VOCs, TPH (GRO, DRO), PAHs, and lead	EPA SOPs 4230.07 & 4231.2007	Methods 5035/8260, 8270, and 6010
QC Samples							
5	Paint-Covered Surfaces	On-site structures, paint-covered surfaces	Confirmation samples to verify XRF data	Paint-covered surfaces	Lead	EPA SOP 4231.2011	EPA Method 7000B
1	Water	Rinsate blank	To evaluate effectiveness of decontamination procedures for Geoprobe® sampling equipment	NA	VOCs, TPH (GRO, DRO), PAHs, and lead	NA	Methods 5035/8260, 8270, and 6010
1	Water	Field blank	To assess field-introduced and laboratory-derived contamination	NA	VOCs, TPH (GRO, DRO), PAHs, and lead	NA	Methods 5035/8260, 8270, and 6010
1	Water	Trip blank	To assess transportation-related contamination	NA	VOCs	NA	Method 8260
1	Soil	Trip blank	To assess transportation-related contamination	NA	VOCs	NA	Method 8260

APPENDIX A

SITE-SPECIFIC INFORMATION FOR A PHASE II TARGETED BROWNFIELDS ASSESSMENT AT THE FORMER SPOTLESS CAR WASH PROPERTY

The St. Louis Land Revitalization Authority (LRA) currently owns the subject property. The garage has been out of operation since before its acquisition by LRA in 2011. Exact dates the subject property was in use are unknown but can be approximated through review of historical records. Aerial photographs show the subject property developed as early as 1958. According to Sanborn® fire insurance maps, the subject property building was used as two stores and a stable in 1909, and as a filling station in 1950. Ms. Amy Lampe, Major Project Manager for LRA, confirmed historical use of the subject property as a mechanic's garage and gas station. LRA acquired the subject property from private owners, Mr. and Mrs. Jerome and Susan Kern, in 2011 (Tetra Tech 2013).

PREVIOUS INVESTIGATIONS

PSC conducted a Phase I ESA of the subject property in 2011. The purpose of that assessment was to identify Recognized Environmental Conditions (REC) associated with the subject property. The following on-site RECs were reported (PSC 2011):

- At least eight USTs are present at the subject property. According to Missouri Department of Natural Resources (MDNR) records, the tanks were filled with sand (closed-in-place) sometime prior to 1975. No documentation regarding any soil sampling/testing in native soils surrounding the USTs was found. MDNR had submitted letters to the owner (at that time Mr. Kern) regarding compliance issues with the tank closures, but no documentation was presented to PSC that showed any resolution to MDNR's warnings of violations.

- A review of the MDNR files revealed that several complaints had been filed by concerned citizens over the previous several years regarding odors and staining on pavement as a result of surface leaks/spills from the UST fill ports and aboveground storage tanks (AST) at the site. MDNR visited the site and documented oil staining on the pavement along the east side of the building near a waste oil AST. Also, an occupant of a building downgradient of the site complained of gasoline vapors in his basement. This was determined to represent a Vapor Encroachment Condition (VEC), posing an associated REC to the site.

- A hydraulic lift is present in the building's service garage. The oil reservoir for the lift is likely buried beneath the concrete floor. The hydraulic lift and oil reservoir may have leaked oil to the subsurface over the years. In addition, potential discharges to a floor drain in the garage (likely discharging to the municipal sanitary sewer) may also have contributed to subsurface contamination.

Additional environmental concerns were also noted in the Phase I ESA report. Plaster walls and ceiling material, 9-inch-square floor tiles in the store area, and roofing materials are suspected to contain asbestos; however, confirmation of this would require laboratory analysis. The report concluded that these materials should be sampled and analyzed prior to building renovation or demolition activities, and managed according to local, state, and federal environmental regulations (PSC 2011).

in appearance and texture; however, if the inspector decides that a material (for example, wall texturing) is not similar in appearance and texture to other materials in the building, the inspector will distinguish the material as unique and collect samples of each unique material accordingly.

Bulk samples of suspected ACBM will be collected to ensure that each distinct layer of material is represented in the sample. Bulk samples will be collected with sampling devices appropriate for the suspect building materials. A coring device will be used to collect interior and exterior wall and roof samples. A wetting agent will be applied to friable surfaces prior to sample collection to reduce potential for fiber release. All samples will be placed in plastic bags, labeled, and sealed immediately upon collection. To prevent cross-contamination between samples, the sampling instruments will be wiped clean using a wet, lint-free cloth after collection of each sample. A unique identification number will be assigned to each sample. All samples will be submitted to a START-contracted laboratory for analysis for asbestos via polarized light microscopy (PLM) according to EPA Method 600/R-93/116. All samples will be handled and analyzed according to SOPs and methods referenced in the QAPP form.

Lead-based Paint Screening

Tetra Tech will make every effort to inspect all areas of the subject property building. HUD *Guidelines for the Evaluation and Control of LBP in Housing* (1997) suggests that paint applied before 1978 could contain lead.

An XRF screening of suspected LBP will accord with protocols similar to the single-family housing inspection procedures in the HUD *Guidelines*. Tetra Tech will utilize an XT-260 XRF Spectrum Analyzer manufactured by Innov-X to perform the LBP testing. The XT-260 is a state-of-the-art XRF spectrum analyzing system for quantitative measurement of lead in paint on various substrates. Tetra Tech will perform XRF testing of suspect painted surfaces that possibly would be impacted during redevelopment activities.

Tetra Tech will utilize the XRF "Lead Paint Mode" for testing, standardized per the equipment instruction manual, and program the unit with an action level of 1.0 milligram per square centimeter (mg/cm^2). The XT-260 automatically adjusts the measurement time to the least time needed for a definitive measurement based on the action level. Paint containing greater than or equal to 1.0 mg/cm^2 lead by XRF testing is considered LBP.

Tetra Tech will perform XRF calibration checks on the XT-260 according to Innov-X's recommended protocol and the HUD *Guidelines*. These QC readings are used to monitor performance of the XT-260.

Subsurface Soil and Groundwater Sampling

Subsurface Soil – Soil samples will be collected from up to five boreholes immediately northeast, southeast, south, southwest, and northwest of the site building (see Appendix B, Figure 2) to assess the impact of site activities on subsurface soil. Each borehole will be advanced using a truck-mounted, direct-push technology (DPT) Geoprobe® rig. At each borehole, a Geoprobe® Macro-Core soil sampler fitted with a disposable polyvinyl chloride (PVC) sleeve will be advanced to groundwater or refusal, whichever is encountered first. The soil core will be retrieved and screened for VOCs using a photoionization detector (PID). Samples for laboratory analysis will be collected (from each borehole) from the 2-foot interval that yields the highest PID result, or from the bottom 2-foot section of the soil core if no field screening results above background levels are recorded. Each sample for laboratory analysis will include a grab sample for analysis for VOCs collected in accordance with EPA SW-846 Method 5035, and will consist of two 40-milliliter vials, each containing approximately 5 grams of soil and preserved with sodium bisulfate, and two 40-milliliter vials filled with soil. Two other 40-milliliter vials will be filled for analysis for TPH-GRO.

After collection of the grab samples, the remaining soil from each sample interval will be removed from the PVC liner and placed in a disposable aluminum pie pan for homogenization, and then transferred to 8-ounce jars. These containers will be submitted for analysis for TPH-DRO, PAHs, and lead. Pertinent data, including analyses to be performed and exact sample locations (depths and Global Positioning System [GPS] coordinates), will be recorded on field sheets for each sample. All soil samples will be stored in coolers maintained at or below 4 degrees Celsius (°C) pending submittal to a START-contracted laboratory.

Groundwater – Tetra Tech will collect groundwater samples from up to five Geoprobe® temporary monitoring wells. The Geoprobe® temporary monitoring wells will be placed at the northeast, southeast, south, southwest, and northwest sides of the building, within the property boundaries (see Appendix B, Figure 2). These samples will be collected using a Screen Point 16 sampling apparatus containing a stainless steel or disposable 4-foot-long PVC screen. At each location, the screen will be deployed directly below the water table, and a sample will be collected through disposable polyethylene tubing with either a peristaltic pump or using a check valve placed at the bottom of the tubing.

A field sheet will be completed for each groundwater sample location. The field sheets will include the following information: purge times or estimated purge volumes, property ownership information, exact sample locations (depths and GPS coordinates), and analyses to be performed. The groundwater samples

REFERENCES

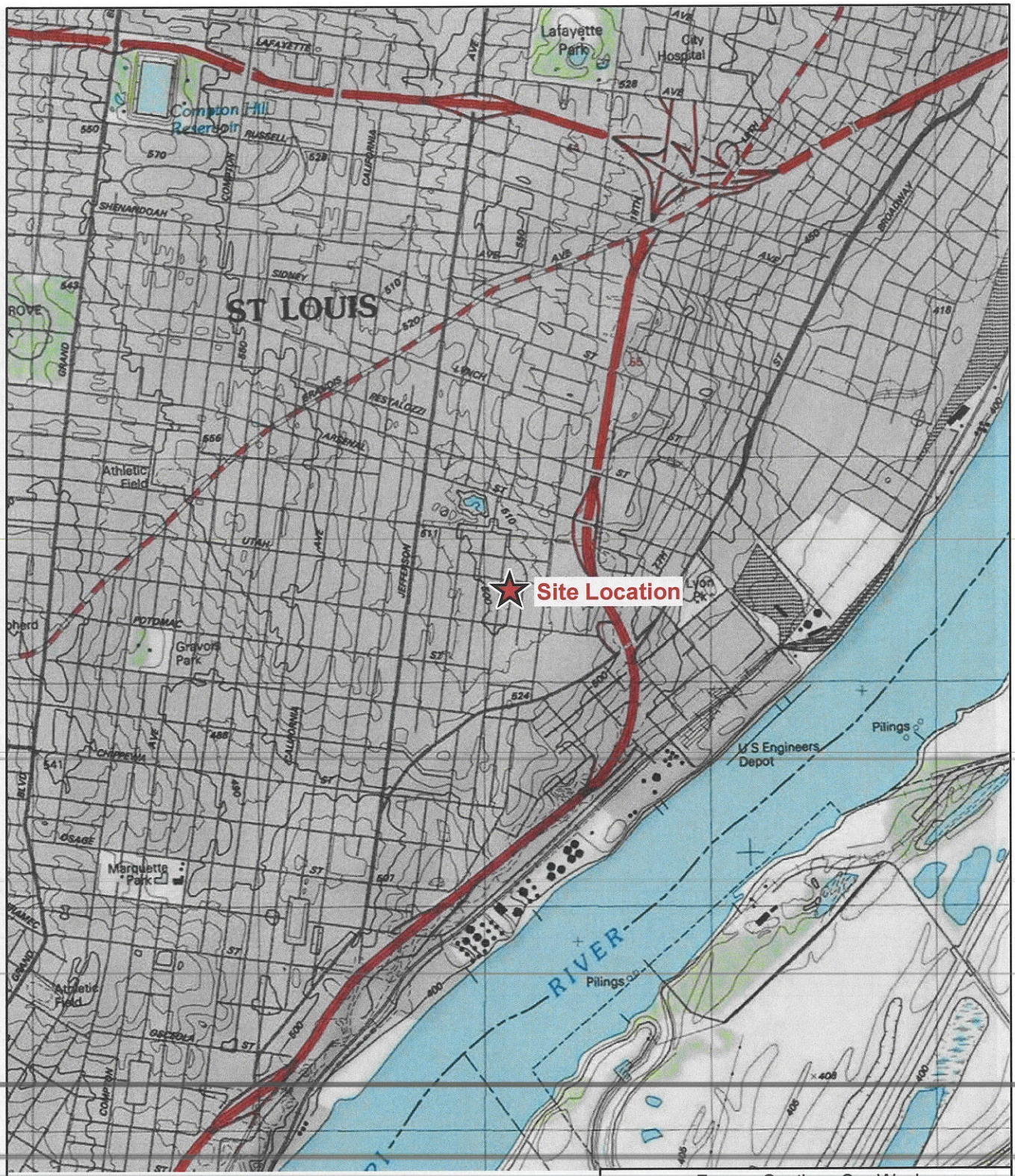
Geotechnology, Inc. (Geotechnology). 2011. Environmental Sampling and Testing, Former Spotless Car Wash, 1954-1956 Utah Street (aka 3300 Wisconsin Avenue), St. Louis, Missouri. December 2.

Missouri Department of Natural Resources (MDNR). 2013. Missouri Risk-Based Corrective Action Process for Petroleum Storage Tanks. October 17.

PSC. 2011. Phase I Environmental Site Assessment: 3300 Wisconsin Avenue, St. Louis, Missouri 63118. February 16.

Tetra Tech, Inc. (Tetra Tech). 2013. Phase I Targeted Brownfields Assessment, Former Spotless Car Wash, St. Louis, Missouri. November 18.

U.S. Geological Survey (USGS). 1979. Cahokia, Missouri, Quadrangle Map. USGS 7.5-Minute Topographic Series.



N

0 1,000 2,000

Feet

Source: USGS Cahokia, MO 7.5 Minute Topo Quad, 1976 and PR 1979

Former Spotless Car Wash
3300 Wisconsin Avenue
St. Louis, Missouri

Figure 1

Site Location

TETRA TECH

Date: 11/19/2013 Drawn By: Bill Spiking Project No: X9025.14.0002.002.017

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