REPUBLIC SERVICES, INC.

Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile #	Expiration Date	
	38251111171	12/31/2011	

I. Decision Request: ☑ Initial ☐ Recertification ☐ Change

Disposal Facility: 3825 - Apex Regional Landfill (Silver State Disposal)

Generator Name: NEVADA ENV RESPONSE TRUST

Generator Site Address: 560 W LAKE MEAD PKWY

City: HENDERSON	County:	State: NV	Zip:

Name of Waste: SOIL FROM RZ-E 14 A

Estimated Annual Volume: 1,000 Cubic Yards

I. Special Waste Department Decision: ☑ Approved ☐ Rejected

Management Method(s): ☑ Landfill ☐ Solidification ☐ Bioremediation ☐ Transfer Facility

Problematic Special Waste according to Republic? ☐ Yes ☑ No

If yes, which one?

Approved by Special Waste Review Committee? ☐ Yes ☐ No ☑ Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: Mk Phillips **Name (Printed):** MARK PHILLIPS

Date: 7/22/2011

II. Facility Decision: ☐ Approved ☐ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____ **Name (Printed):** _____

Date: 7/22/2011

REPUBLIC SERVICES, INC.

SPECIAL WASTE PROFILE

Requested Disposal Facility: Apex Regional LF NV 3825

Waste Profile #
Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: Nevada Environmental Response Trust			
Generator Site Address: 560 West Lake Mead Parkway			
City: Henderson	County: Clark	State: Nevada	Zip: 89015
State ID/Reg No: NA	State Approval/Waste Code: NA (if applicable)		NAICS # : None
Generator Mailing Address (if different): 35 East Wacker, Suite 1550			
City: Chicago	County: Cook	State: Illinois	Zip: 60606
Generator Contact Name: John Pekala		Email: jpekala@environcorp.com	
Phone Number: (707) 815-7474	Ext:	Fax Number: (602) 734-7701	

IIa. Transporter Information

Transporter Name: Las Vegas Paving Corp.		Contact Name: Tony Haney	
Transporter Address: 4420 S. Decatur Blvd.			
City: Las Vegas	County: Clark	State: Nevada	Zip: 89103
Phone Number: (702) 353-4[illegible]	Fax Number: (702) 257-9436	State Transportation Number: 191949	

IIb. Billing Information

Bill To: ENVIRON		Contact Name: Tina Russell	
Billing Address: 8725 W. Higgins Rd., Suite 725		Email: trussell@environcorp.com	
City: Chicago	State: Illinois	Zip: 60631	Phone: (773) 272-3532

III. Waste Stream Information

Name of Waste: Soil from RZ-E-14A

Process Generating Waste:

Soil excavated during remediation of RZ-E-14A at the Nevada Environmental Response Trust Site during implementation of the Removal Action Work Plan for the site.

Physical State: ☑ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID

Method of Shipment: ☑ BULK ☐ DRUM ☐ BAGGED ☐ OTHER:

Estimated Annual Volume: 1,000 Cubic Yards

Frequency: ☑ ONE TIME ☐ ANNUAL

Disposal Consideration: ☑ LANDFILL ☐ SOLIDIFICATION ☐ BIOREMEDIATION

IV. Representative Sample Certification

☐ NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	☑ YES or ☐ NO
Sample Date: 6/6 & 6/30 2011	Type of Sample: ☑ COMPOSITE SAMPLE ☐ GRAB SAMPLE
Sample ID Numbers: SP-E14A-1A through SP-E14A-1H and SP-E14A-2A through SP-E14A-2H (see attached results)	

REPUBLIC SERVICES, INC.

SPECIAL WASTE PROFILE (continued)

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Soil	100.000
2.	
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
brown, black	slight mothball type	☐ Yes or ☑ No	100.00	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes or ☑ No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes or ☑ No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes or ☑ No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes or ☑ No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes or ☑ No
Is this waste a reactive or heat generating waste?	☐ Yes or ☑ No
Does the waste contain sulfur or sulfur by-products?	☑ Yes or ☐ No
Is this waste generated at a Federal Superfund Clean Up Site?	☐ Yes or ☑ No
Is this waste from a TSD facility, TSD-like facility or waste consolidator?	☐ Yes or ☑ No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

John Pekala, Agent for Nevada Environmental Response Trust	Nevada Environmental Response Trust
Authorized Representative Name/Title (Type or Print)	Company Name
Authorized Representative Signature	07/21/2011
	Date

Summary of Stockpile Sample Analytical Results
Soil Excavated from RZ-E-14A
Nevada Environmental Trust Site; Henderson, Nevada

Sampling Date	Sample ID	COC #	Work Order #	TCLP Ba (mg/L)	TCLP Cr (mg/L)	TCLP SVOCs* (mg/L)	TCLP VOCs* (mg/L)	TCLP OCPs* (mg/L)
6/6/2011	SP-E14A-1A	3220	280-16751-1	0.82 B	0.056 B	All ND	All ND	All ND
6/6/2011	SP-E14A-1B	3220	280-16751-1	0.8 B	0.014 B	All ND	All ND	All ND
6/6/2011	SP-E14A-1C	3220	280-16751-1	1.5 B	0.3	All ND	All ND	All ND
6/6/2011	SP-E14A-1D	3220	280-16751-1	0.86 B	0.1	All ND	All ND	All ND
6/6/2011	SP-E14A-2A	3220	280-16751-1	0.75 B	0.83	All ND	2-Butanone = 0.020 J PCE = 0.0036 J	gamma BHC = 0.00026
6/6/2011	SP-E14A-2B	3220	280-16751-1	0.85 B	0.78	1,4-DCB = 0.081	PCE = 0.036	gamma BHC = 0.0018
6/6/2011	SP-E14A-2C	3220	280-16751-1	0.86 B	0.64	1,4-DCB = 0.0075 J	PCE = 0.019	gamma BHC = 0.00064
6/6/2011	SP-E14A-2D	3220	280-16751-1	0.79 B	0.54	1,4-DCB = 0.060	2-Butanone = 0.020 J PCE = 0.020	gamma BHC = 0.00032
TCLP Values (mg/L)				**TCLP** 100	**TCLP** 5	**TCLP** o-, m-, p-, total, Cresol = 200 1,4-DCB = 7.5 2,4-Dinitrotoluene = 0.13 Hexachlorobenzene = 0.13 Hexachlorobutadiene = 0.5 Hexachloroethane = 3 Nitrobenzene = 2 Pentachlorophenol = 100 2,4,5-Trichlorophenol = 400 2,4,6-Trichlorophenol = 2	**TCLP** Benzene = 0.5 Carbon Tetrachloride = 0.5 Chlorobenzene = 100 Chloroform = 6 1,2-Dichloroethane = 0.5 1,1-Dichloroethylene = 0.7 2-Butanone (MEK) = 200 TCE = 0.5 PCE = 0.7 Vinyl Chloride = 0.2	**TCLP** Chlordane = 0.03 Endrin = 0.02 Heptachlor = 0.008 Lindane (gamma BHC) = 0.4 Methoxychlor = 10 Toxaphene = 0.5

B = J = Result is above the laboratory's Method Dection Limit (MDL), but lower than the laboratory's Reporting Limit (RL).
* = MDL and/or RL for non-detect results are lower than the TCLP values.
ND = Not Detected

ENVIRON

Summary of Stockpile Sample Analytical Results
Soil Excavated from RZ-E-14A
Nevada Environmental Trust Site; Henderson, Nevada

Sampling Date	Sample ID	COC #	Work Order #	Reactive Cyanide (mg/kg)	Reactive Sulfide (mg/kg)	PCBs (ug/kg)	Sulfur (mg/kg)
6/30/2011	SP-E14A-1E	3233	F1G010430	ND < 0.27	86.8	All ND < 360	1610 B
6/30/2011	SP-E14A-1F	3233	F1G010430	ND < 0.27	107	All ND < 350	ND < 10,700
6/30/2011	SP-E14A-1G	3233	F1G010430	ND < 0.27	108	All ND < 360	2820 B
6/30/2011	SP-E14A-1H	3233	F1G010430	ND < 0.27	86.9	All ND < 360	ND < 10,900
6/30/2011	SP-E14A-2E	3233	F1G010430	ND < 0.29	138	All ND < 38,000	1670 B
6/30/2011	SP-E14A-2F	3233	F1G010430	ND < 0.29	92.4	All ND < 38,000	5840 B
6/30/2011	SP-E14A-2G	3233	F1G010430	ND < 0.29	91.9	All ND < 38,000	3410 B
6/30/2011	SP-E14A-2H	3233	F1G010430	ND < 0.30	94.5	All ND < 39,000	3960 B
Landfill Criteria				250	500	50,000	N/A

B = Result is above the laboratory's Method Dection Limit (MDL), but lower than the laboratory's Reporting Limit (RL).
ND = Not Detected

ENVIRON

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

June 23, 2011

TestAmerica Project Number: G1F080448
PO/Contract:

John Pekala
ENVIRON International Corp.
1702 E. Highland Avenue Suite
Phoenix, AZ 85016

Dear Mr. Pekala,

This report contains the analytical results for the samples received under chain of custody by TestAmerica on June 8, 2011. These samples are associated with your 21-26719D, Henderson NV project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4383.

Sincerely,

DAVID R. ALLTUCKER
Project Manager

Table of Contents

TestAmerica West Sacramento Project Number G1F080448

Case Narrative

TestAmerica West Sacramento Project Number G1F080448

SOLID, 8081A, Pesticides - TCLP
Sample(s): 1, 2, 3, 4, 5, 6, 7, 8
The percent difference values for Heptachlor and Endrin are above the method acceptance limits in the continuing calibration standard, analyzed June 13, 2010 at 21:24, indicating a high bias. This standard was analyzed after the associated samples. As the associated samples are non-detect and there is a potential for a high bias, there is no adverse impact on the data quality.

The percent difference values for analytes listed below are above the method acceptance limits in the continuing calibration standard, indicating a high bias. This standard was analyzed after the associated samples. There is a potential for a high bias on the data quality. All samples results were below the client action level or ND and therefore there is no adverse impact on data quality. This data is being reported with the approval of the project manager and customer service manager.

SOLID, 8270C, SVOC -TCLP
Sample(s): 1, 2, 2, 2, 3, 4, 5, 6, 7, 8
The matrix spike/matrix spike duplicate (MS/MSD) associated with this extraction batch has recoveries and precisions outside the established control limits for multiple compounds. Acceptable laboratory control sample (LCS) data demonstrate that the analytical system is in control. This anomaly is most likely matrix related.

There were no other anomalies associated with this project.

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
A2LA (DoD-ELAP)	2928-01	New Mexico	NA
Alaska	UST-055	New York*	11666
Arizona	AZ0708	Oregon*	CA 200005
Arkansas	88-0691	Pennsylvania*	68-1272
California*	01119CA	South Carolina	87014
Colorado	NA	Texas*	T104704399-08-TX
Connecticut	PH-0691	UCMR	CA00044
Florida*	E87570	US Fish & Wildlife	LE148388-0
Georgia	960	USDA Foreign Plant	37-82605
Guam	10-009r	USDA Foreign Soil	P330-09-00055
Hawaii	NA	Utah*	QUAN1
Illinois*	002701	Virginia	178
Kansas*	E-10375	Washington	C581
Louisiana*	01944	West Virginia	9930C, 334
Michigan	9947	Wisconsin	998204680
Nevada	CA44	Wyoming	8TMS-Q
New Jersey*	CA005		

*NELAP accredited. A more detailed parameter list is available upon request. *Updated 5/25/2011*

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G1F080448

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
MJ3RM	1	SP-E14A-1A	6/6/2011 11:45 AM	6/8/2011 09:05 AM
MJ3R4	2	SP-E14A-1C	6/6/2011 11:55 AM	6/8/2011 09:05 AM
MJ3R5	3	SP-E14A-1B	6/6/2011 12:05 PM	6/8/2011 09:05 AM
MJ3R7	4	SP-E14A-1D	6/6/2011 12:10 PM	6/8/2011 09:05 AM
MJ3TD	5	SP-E14A-2A	6/6/2011 12:40 PM	6/8/2011 09:05 AM
MJ3TG	6	SP-E14A-2B	6/6/2011 12:45 PM	6/8/2011 09:05 AM
MJ3TH	7	SP-E14A-2C	6/6/2011 12:50 PM	6/8/2011 09:05 AM
MJ3TJ	8	SP-E14A-2D	6/6/2011 12:55 PM	6/8/2011 09:05 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G1F080448

ENVIRON

6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

03220

PAGE 1 of 1

PROJECT NAME / FACILITY ID: NERT — FIELD PERSON: M. VERDEYEN

PROJECT NUMBER: 21-26719D — DATE: 6/7/11 — PROJECT MANAGER: J. PEKALA

PROJECT LOCATION: HENDERSON, NV — LABORATORY: TEST AMERICA - WEST SAC

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____ WO#: 21-26719D

SAMPLER: M. VERDEYEN

SIGNATURE: [signature]

SAMPLE I.D. NUMBER	YEAR 2011 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED	COMMENTS
SP-E14A-1A	6/6	1145	–	S	4	U	N		* Pls composite four (4) containers of each sample at lab. * Questions to Dan 510-420-2563 Results to Dan Clark DClark@environcorp.com & John Pekala jpekala@environcorp.com
SP-E14A-1C		1155			4				
SP-E14A-1B		1205			4				
SP-E14A-1D		1210			4				
SP-E14A-2A		1240			4				
SP-E14A-2B		1245			4				
SP-E14A-2C		1250			4				
SP-E14A-2D	6/6	1255	–	S	4	U	N		
HOLD ALL SAMPLES UNTIL FURTHER DIRECTION									
TOTAL	X	X	X	X	32	X	X		

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
M. VERDEYEN	1458 / 6.7.11	(COMPANY): TA	1458 6/7/11
RELINQUISHED BY:	TIME/DATE: 6/7/11 1630	RECEIVED BY:	TIME/DATE:
		(COMPANY):	6/8/11 - 1152
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp_____

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

G1F080448

ENVIRON

6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

03220

PAGE 1 of 1

PROJECT NAME / FACILITY ID: NERT

FIELD PERSON: M. VERDEYEN

PROJECT NUMBER: 21-26719D DATE: 6/7/11

PROJECT MANAGER: J. PEKALA

PROJECT LOCATION: HENDERSON, NV

LABORATORY: TEST AMERICA - WEST SAC

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #:

WO#: 21-26719D

SAMPLER: M. VERDEYEN

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2011 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: TCLP Ba (1311/6010B)	TCLP SVOCs (1311/8270C)	TCLP VOCs (1311/8260B)	TCLP Pesticides (1311/8081A)	COMMENTS
SP-E14A-1A	6/6	1145	–	S	4	U	N	X	X	X	X	* Pls composite four (4) containers of each sample at lab.* Questions to Dan 510-420-2563 Results to Dan Clark Dclark@environcorp.com & John Pekala jpekala@environcorp.com
SP-E14A-1C		1155			4			X	X	X	X	
SP-E14A-1B		1205			4			X	X	X	X	
SP-E14A-1D		1210			4			X	X	X	X	
SP-E14A-2A		1240			4			X	X	X	X	
SP-E14A-2B		1245			4			X	X	X	X	
SP-E14A-2C		1250			4			X	X	X	X	
SP-E14A-2D	6/6	1255	–	S	4	U	N	X	X	X	X	
HOLD ALL SAMPLES UNTIL FURTHER DIRECTION												
TOTAL	X	X	X	X	32	X	X	8	8	8	8	

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
M. VERDEYEN	1458 6-7-11	(COMPANY): TA	1458 6/7/11
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY PER DISCUSSION 72 HOURS; 24 HOURS; 5 DAYS; 48 HOURS WITH LAB; NORMAL; SEE EMAIL

SAMPLE INTEGRITY — INTACT: Y N Temp

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCl; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

TestAmerica West Sacramento (916) 373 - 5600

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THE LEADER IN ENVIRONMENTAL TESTING

LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT ENVIRON PM DA LOG # 71039

LOT# (QUANTIMS ID) G1F080448 QUOTE# 88682 LOCATION W9E

Checked (✓)

DATE RECEIVED 6/8/11 TIME RECEIVED 0905 ☑

DELIVERED BY ☒ FEDEX ☐ ON TRAC ☐ OTHER

☐ GOLDENSTATE ☐ UPS ☐ EZ PARCEL

☐ TAL COURIER ☐ TAL SF ☐ CLIENT ☑

SHIPPPING CONTAINER(S) ☒ TAL ☐ CLIENT ☐ N/A ☑

CUSTODY SEAL STATUS ☒ INTACT ☐ BROKEN ☐ N/A ☑

CUSTODY SEAL #(S) 912396

COC #(S) 03220 ☑

TEMPERATURE BLANK Observed: NA Corrected:

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 3, 3, 4 Average 3 Corrected Average 3

LABORATORY THERMOMETER ID:

IR UNIT: #4 ☒ #5 ☐ ☐ OTHER ☑

CV 6/8/11
Initials Date

==========

pH MEASURED ☐ YES ☐ ANOMALY ☒ N/A ☑

LABELED BY ☑

LABELS CHECKED BY ☑

PEER REVIEW ☒ NA

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING ☑

WETCHEM ☒ N/A ☑

VOA-ENCORES ☒ N/A ☑

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☒ N/A ☑

☒ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A ☑

☐ CLOUSEAU ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☒ N/A

☐ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☐ PM NOTIFIED

CV 6/8/11
Initials Date

Notes

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: G1F080448

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ	4	4	4	4	4	4	4	4												
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

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SOLID, 8081A, Pesticides - TCLP

ENVIRON International Corp.

Client Sample ID: SP-E14A-1A

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-001	**Work Order #...:**	MJ3RM1AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	ND	0.25	ug/L
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(12 - 131)
Tetrachloro-m-xylene	104	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-1C

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-002	**Work Order #...:**	MJ3R41AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	ND	0.25	ug/L
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(12 - 131)
Tetrachloro-m-xylene	100	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-1B

TCLP GC Semivolatiles

Lot-Sample #...: G1F080448-003	**Work Order #...:** MJ3R51AD	**Matrix.....:** SO	
Date Sampled...: 06/06/11	**Date Received..:** 06/08/11		
Leach Date.....: 06/09/11	**Prep Date.....:** 06/10/11	**Analysis Date..:** 06/13/11	
Leach Batch #..: P116102	**Prep Batch #...:** 1161147		
Dilution Factor: 1			
% Moisture.....:	**Method.....:** SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	ND	0.25	ug/L
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(12 - 131)
Tetrachloro-m-xylene	84	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-1D

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-004	**Work Order #...:**	MJ3R71AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	ND	0.25	ug/L
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(12 - 131)
Tetrachloro-m-xylene	96	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-2A

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-005	**Work Order #...:**	MJ3TD1AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	**0.26**	**0.25**	**ug/L**
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(12 - 131)
Tetrachloro-m-xylene	83	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-2B

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-006	**Work Order #...:**	MJ3TG1AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	**1.8**	**0.25**	**ug/L**
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(12 - 131)
Tetrachloro-m-xylene	99	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-2C

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-007	**Work Order #...:**	MJ3TH1AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L
gamma-BHC (Lindane)	**0.64**	**0.25**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(12 - 131)
Tetrachloro-m-xylene	99	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

Client Sample ID: SP-E14A-2D

TCLP GC Semivolatiles

Lot-Sample #...:	G1F080448-008	**Work Order #...:**	MJ3TJ1AD	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/13/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161147		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
gamma-BHC (Lindane)	**0.32**	**0.25**	**ug/L**
Chlordane (technical)	ND	2.5	ug/L
Endrin	ND	0.50	ug/L
Heptachlor	ND	0.25	ug/L
Methoxychlor	ND	2.5	ug/L
Toxaphene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(12 - 131)
Tetrachloro-m-xylene	99	(64 - 107)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

QC DATA ASSOCIATION SUMMARY

G1F080448

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
002	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
003	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
004	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
005	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
006	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
007	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
008	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ53T1AA **Matrix.....:** SOLID
MB Lot-Sample #: G1F100000-147

Prep Date.....: 06/10/11
Analysis Date..: 06/13/11 **Prep Batch #...:** 1161147
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
gamma-BHC (Lindane)	ND	0.25	ug/L	SW846 8081A
Chlordane (technical)	ND	2.5	ug/L	SW846 8081A
Endrin	ND	0.50	ug/L	SW846 8081A
Heptachlor	ND	0.25	ug/L	SW846 8081A
Methoxychlor	ND	2.5	ug/L	SW846 8081A
Toxaphene	ND	10	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	70	(12 - 131)
Tetrachloro-m-xylene	86	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ53T1AE **Matrix.....:** SOLID
MB Lot-Sample #: G1F100000-147

Prep Date.....: 06/10/11
Analysis Date..: 06/13/11 **Prep Batch #...:** 1161147
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
gamma-BHC (Lindane)	ND	0.25	ug/L	SW846 8081A
Chlordane (technical)	ND	2.5	ug/L	SW846 8081A
Endrin	ND	0.50	ug/L	SW846 8081A
Heptachlor	ND	0.25	ug/L	SW846 8081A
Methoxychlor	ND	2.5	ug/L	SW846 8081A
Toxaphene	ND	10	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	114	(12 - 131)
Tetrachloro-m-xylene	92	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ53T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: G1F100000-147
Prep Date.....: 06/10/11 **Analysis Date..:** 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
gamma-BHC (Lindane)	**101**	**(68 - 135)**	**SW846 8081A**
Endrin	**108**	**(67 - 136)**	**SW846 8081A**
Heptachlor	**94**	**(63 - 126)**	**SW846 8081A**
Methoxychlor	**89**	**(71 - 125)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(12 - 131)
Tetrachloro-m-xylene	81	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1F080448 Work Order #...: MJ53T1AC Matrix.....: SOLID
LCS Lot-Sample#: G1F100000-147
Prep Date.....: 06/10/11 Analysis Date..: 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
gamma-BHC (Lindane)	**0.250**	**0.254**	**ug/L**	**101**	**SW846 8081A**
Endrin	**0.500**	**0.542**	**ug/L**	**108**	**SW846 8081A**
Heptachlor	**0.250**	**0.234**	**ug/L**	**94**	**SW846 8081A**
Methoxychlor	**2.50**	**2.24**	**ug/L**	**89**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(12 - 131)
Tetrachloro-m-xylene	81	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ53T1AD **Matrix.....:** SOLID
LCS Lot-Sample#: G1F100000-147
Prep Date.....: 06/10/11 **Analysis Date..:** 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toxaphene	**110**	**(46 - 138)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	78	(12 - 131)
Tetrachloro-m-xylene	85	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1F080448 Work Order #...: MJ53T1AD Matrix.....: SOLID
LCS Lot-Sample#: G1F100000-147
Prep Date.....: 06/10/11 Analysis Date..: 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toxaphene	**3.75**	**4.14**	**ug/L**	**110**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	78	(12 - 131)
Tetrachloro-m-xylene	85	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3RM1AP-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-001 MJ3RM1AQ-MSD
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11
Prep Date.....: 06/10/11 **Analysis Date..:** 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
gamma-BHC (Lindane)	**99**	**(68 - 135)**			**SW846 8081A**
	105	**(68 - 135)**	**6.0**	**(0-30)**	**SW846 8081A**
Endrin	**101**	**(67 - 136)**			**SW846 8081A**
	105	**(67 - 136)**	**4.1**	**(0-30)**	**SW846 8081A**
Heptachlor	**99**	**(63 - 126)**			**SW846 8081A**
	105	**(63 - 126)**	**5.5**	**(0-30)**	**SW846 8081A**
Methoxychlor	**87**	**(71 - 125)**			**SW846 8081A**
	91	**(71 - 125)**	**3.7**	**(0-30)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(12 - 131)
	98	(12 - 131)
Tetrachloro-m-xylene	99	(64 - 107)
	104	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3RM1AP-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-001 MJ3RM1AQ-MSD
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11
Prep Date.....: 06/10/11 **Analysis Date..:** 06/13/11
Prep Batch #...: 1161147
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
gamma-BHC (Lindane)	**ND**	**1.25**	**1.23**	**ug/L**	**99**		**SW846 8081A**
	ND	**1.25**	**1.31**	**ug/L**	**105**	**6.0**	**SW846 8081A**
Endrin	**ND**	**2.50**	**2.52**	**ug/L**	**101**		**SW846 8081A**
	ND	**2.50**	**2.63**	**ug/L**	**105**	**4.1**	**SW846 8081A**
Heptachlor	**ND**	**1.25**	**1.24**	**ug/L**	**99**		**SW846 8081A**
	ND	**1.25**	**1.31**	**ug/L**	**105**	**5.5**	**SW846 8081A**
Methoxychlor	**ND**	**12.5**	**10.9**	**ug/L**	**87**		**SW846 8081A**
	ND	**12.5**	**11.3**	**ug/L**	**91**	**3.7**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(12 - 131)
	98	(12 - 131)
Tetrachloro-m-xylene	99	(64 - 107)
	104	(64 - 107)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SOLID, 8270C, SVOC -TCLP

ENVIRON International Corp.

Client Sample ID: SP-E14A-1A

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-001	**Work Order #...:**	MJ3RM1AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	75	(49 - 98)
2-Fluorophenol	45	(24 - 68)
Nitrobenzene-d5	75	(53 - 102)
Phenol-d5	28	(10 - 50)
Terphenyl-d14	109	(76 - 121)
2,4,6-Tribromophenol	79	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-1A

GC/MS Semivolatiles

Lot-Sample #: G1F080448-001 **Work Order #:** MJ3RM1AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1C

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-002	**Work Order #...:**	MJ3R41AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	70	(49 - 98)
2-Fluorophenol	44	(24 - 68)
Nitrobenzene-d5	75	(53 - 102)
Phenol-d5	30	(10 - 50)
Terphenyl-d14	111	(76 - 121)
2,4,6-Tribromophenol	77	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-1C

GC/MS Semivolatiles

Lot-Sample #: G1F080448-002 **Work Order #:** MJ3R41AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1B

TCLP GC/MS Semivolatiles

Lot-Sample #...: G1F080448-003	**Work Order #...:** MJ3R51AC	**Matrix.....:** SO
Date Sampled...: 06/06/11	**Date Received..:** 06/08/11	
Leach Date.....: 06/09/11	**Prep Date.....:** 06/10/11	**Analysis Date..:** 06/11/11
Leach Batch #..: P116102	**Prep Batch #...:** 1161149	
Dilution Factor: 1		
% Moisture.....:	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichloro-phenol	ND	50	ug/L
2,4,6-Trichloro-phenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	67	(49 - 98)
2-Fluorophenol	48	(24 - 68)
Nitrobenzene-d5	71	(53 - 102)
Phenol-d5	31	(10 - 50)
Terphenyl-d14	109	(76 - 121)
2,4,6-Tribromophenol	80	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-1B

GC/MS Semivolatiles

Lot-Sample #: G1F080448-003 **Work Order #:** MJ3R51AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1D

TCLP GC/MS Semivolatiles

Lot-Sample #...: G1F080448-004	**Work Order #...:** MJ3R71AC	**Matrix.....:** SO
Date Sampled...: 06/06/11	**Date Received..:** 06/08/11	
Leach Date.....: 06/09/11	**Prep Date.....:** 06/10/11	**Analysis Date..:** 06/11/11
Leach Batch #..: P116102	**Prep Batch #...:** 1161149	
Dilution Factor: 1		
% Moisture.....:	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	76	(49 - 98)
2-Fluorophenol	51	(24 - 68)
Nitrobenzene-d5	77	(53 - 102)
Phenol-d5	32	(10 - 50)
Terphenyl-d14	105	(76 - 121)
2,4,6-Tribromophenol	84	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-1D

GC/MS Semivolatiles

Lot-Sample #: G1F080448-004 **Work Order #:** MJ3R71AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2A

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-005	**Work Order #...:**	MJ3TD1AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	77	(49 - 98)
2-Fluorophenol	48	(24 - 68)
Nitrobenzene-d5	76	(53 - 102)
Phenol-d5	30	(10 - 50)
Terphenyl-d14	106	(76 - 121)
2,4,6-Tribromophenol	83	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-2A

GC/MS Semivolatiles

Lot-Sample #: G1F080448-005 **Work Order #:** MJ3TD1AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2B

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-006	**Work Order #...:**	MJ3TG1AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	**81**	**50**	**ug/L**
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	79	(49 - 98)
2-Fluorophenol	45	(24 - 68)
Nitrobenzene-d5	75	(53 - 102)
Phenol-d5	30	(10 - 50)
Terphenyl-d14	110	(76 - 121)
2,4,6-Tribromophenol	70	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-2B

GC/MS Semivolatiles

Lot-Sample #: G1F080448-006 **Work Order #:** MJ3TG1AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2C

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-007	**Work Order #...:**	MJ3TH1AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	**7.5 J**	**50**	**ug/L**
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	84	(49 - 98)
2-Fluorophenol	48	(24 - 68)
Nitrobenzene-d5	77	(53 - 102)
Phenol-d5	30	(10 - 50)
Terphenyl-d14	110	(76 - 121)
2,4,6-Tribromophenol	97	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

ENVIRON International Corp.

SP-E14A-2C

GC/MS Semivolatiles

Lot-Sample #: G1F080448-007 **Work Order #:** MJ3TH1AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2D

TCLP GC/MS Semivolatiles

Lot-Sample #...:	G1F080448-008	**Work Order #...:**	MJ3TJ1AC	**Matrix.....:**	SO
Date Sampled...:	06/06/11	**Date Received..:**	06/08/11		
Leach Date.....:	06/09/11	**Prep Date.....:**	06/10/11	**Analysis Date..:**	06/11/11
Leach Batch #..:	P116102	**Prep Batch #...:**	1161149		
Dilution Factor:	1				
% Moisture.....:		**Method.....:**	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobenzene	ND	50	ug/L
Hexachloroethane	ND	50	ug/L
1,4-Dichlorobenzene	**60**	**50**	**ug/L**
2,4-Dinitrotoluene	ND	50	ug/L
2-Methylphenol	ND	50	ug/L
3-Methylphenol & 4-Methylphenol	ND	50	ug/L
Nitrobenzene	ND	50	ug/L
Pentachlorophenol	ND	250	ug/L
Pyridine	ND	100	ug/L
2,4,5-Trichlorophenol	ND	50	ug/L
2,4,6-Trichlorophenol	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	79	(49 - 98)
2-Fluorophenol	44	(24 - 68)
Nitrobenzene-d5	78	(53 - 102)
Phenol-d5	30	(10 - 50)
Terphenyl-d14	107	(76 - 121)
2,4,6-Tribromophenol	70	(28 - 132)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

ENVIRON International Corp.

SP-E14A-2D

GC/MS Semivolatiles

Lot-Sample #: G1F080448-008 **Work Order #:** MJ3TJ1AC **Matrix:** SO

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

QC DATA ASSOCIATION SUMMARY

G1F080448

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
002	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
003	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
004	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
005	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
006	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
007	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013
008	SO	SW846 8081A	P116102	1161147	1161069
	SO	SW846 8270C	P116102	1161149	1161068
	SO	SW846 6010B	P116101	1161029	1161013

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ5321AA **Matrix.....:** SOLID
MB Lot-Sample #: G1F100000-149

Prep Date.....: 06/10/11
Analysis Date..: 06/11/11 **Prep Batch #...:** 1161149
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	50	ug/L	SW846 8270C
Hexachlorobenzene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	250	ug/L	SW846 8270C
Pyridine	ND	100	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	50	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	50	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	78	(49 - 98)
2-Fluorophenol	49	(24 - 68)
Nitrobenzene-d5	76	(53 - 102)
Phenol-d5	32	(10 - 50)
Terphenyl-d14	107	(76 - 121)
2,4,6-Tribromophenol	82	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ENVIRON International Corp.

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: G1F100000-149 B **Work Order #:** MJ5321AA **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ5321AD **Matrix.....:** SOLID
MB Lot-Sample #: G1F100000-149

Prep Date.....: 06/10/11
Analysis Date..: 06/11/11 **Prep Batch #...:** 1161149
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	50	ug/L	SW846 8270C
Hexachlorobenzene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	50	ug/L	SW846 8270C
2-Methylphenol	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	50	ug/L	SW846 8270C
Pentachlorophenol	ND	250	ug/L	SW846 8270C
Pyridine	ND	100	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	50	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	50	ug/L	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	50	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	66	(49 - 98)
2-Fluorophenol	45	(24 - 68)
Nitrobenzene-d5	69	(53 - 102)
Phenol-d5	29	(10 - 50)
Terphenyl-d14	106	(76 - 121)
2,4,6-Tribromophenol	76	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ENVIRON International Corp.

Method Blank Report

GC/MS Semivolatiles

Lot-Sample #: G1F100000-149 B **Work Order #:** MJ5321AD **Matrix:** SOLID

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT		RETENTION TIME	UNITS
Octachlorostyrene		ND	M		ug/L
1,4-Dioxane		ND	M		ug/L

NOTE(S):

M: Result was measured against nearest internal standard assuming a response factor of 1.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ5321AC **Matrix.....:** SOLID
LCS Lot-Sample#: G1F100000-149
Prep Date.....: 06/10/11 **Analysis Date..:** 06/11/11
Prep Batch #...: 1161149
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,4-Dichlorobenzene	**70**	**(50 - 90)**	**SW846 8270C**
2,4-Dinitrotoluene	**106**	**(79 - 122)**	**SW846 8270C**
Hexachlorobenzene	**101**	**(71 - 111)**	**SW846 8270C**
Hexachloroethane	**67**	**(42 - 85)**	**SW846 8270C**
2-Methylphenol	**72**	**(55 - 95)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**68**	**(48 - 88)**	**SW846 8270C**
Nitrobenzene	**78**	**(62 - 104)**	**SW846 8270C**
Pentachlorophenol	**84**	**(30 - 141)**	**SW846 8270C**
Pyridine	**52**	**(31 - 71)**	**SW846 8270C**
2,4,5-Trichlorophenol	**98**	**(71 - 115)**	**SW846 8270C**
2,4,6-Trichlorophenol	**98**	**(67 - 116)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	83	(49 - 98)
2-Fluorophenol	50	(24 - 68)
Nitrobenzene-d5	79	(53 - 102)
Phenol-d5	33	(10 - 50)
Terphenyl-d14	102	(76 - 121)
2,4,6-Tribromophenol	103	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ5321AC **Matrix.....:** SOLID
LCS Lot-Sample#: G1F100000-149
Prep Date.....: 06/10/11 **Analysis Date..:** 06/11/11
Prep Batch #...: 1161149
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,4-Dichlorobenzene	**500**	**351**	**ug/L**	**70**	**SW846 8270C**
2,4-Dinitrotoluene	**500**	**529**	**ug/L**	**106**	**SW846 8270C**
Hexachlorobenzene	**500**	**507**	**ug/L**	**101**	**SW846 8270C**
Hexachloroethane	**500**	**336**	**ug/L**	**67**	**SW846 8270C**
2-Methylphenol	**500**	**359**	**ug/L**	**72**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**1000**	**683**	**ug/L**	**68**	**SW846 8270C**
Nitrobenzene	**500**	**389**	**ug/L**	**78**	**SW846 8270C**
Pentachlorophenol	**500**	**420**	**ug/L**	**84**	**SW846 8270C**
Pyridine	**500**	**258**	**ug/L**	**52**	**SW846 8270C**
2,4,5-Trichlorophenol	**500**	**490**	**ug/L**	**98**	**SW846 8270C**
2,4,6-Trichlorophenol	**500**	**492**	**ug/L**	**98**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	83	(49 - 98)
2-Fluorophenol	50	(24 - 68)
Nitrobenzene-d5	79	(53 - 102)
Phenol-d5	33	(10 - 50)
Terphenyl-d14	102	(76 - 121)
2,4,6-Tribromophenol	103	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3R41AK-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-002 MJ3R41AL-MSD
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11
Prep Date.....: 06/10/11 **Analysis Date..:** 06/11/11
Prep Batch #...: 1161149
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	58	(50 - 90)			SW846 8270C
	43 a,p	(50 - 90)	31	(0-30)	SW846 8270C
2,4-Dinitrotoluene	97	(79 - 122)			SW846 8270C
	63 a,p	(79 - 122)	42	(0-30)	SW846 8270C
Hexachlorobenzene	87	(71 - 111)			SW846 8270C
	58 a,p	(71 - 111)	40	(0-30)	SW846 8270C
Hexachloroethane	55	(42 - 85)			SW846 8270C
	40 a,p	(42 - 85)	32	(0-30)	SW846 8270C
2-Methylphenol	60	(55 - 95)			SW846 8270C
	41 a,p	(55 - 95)	38	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	56	(48 - 88)			SW846 8270C
	38 a,p	(48 - 88)	38	(0-30)	SW846 8270C
Nitrobenzene	65	(62 - 104)			SW846 8270C
	43 a,p	(62 - 104)	41	(0-30)	SW846 8270C
Pentachlorophenol	76	(30 - 141)			SW846 8270C
	48 p	(30 - 141)	44	(0-30)	SW846 8270C
Pyridine	43	(31 - 71)			SW846 8270C
	51	(31 - 71)	18	(0-30)	SW846 8270C
2,4,5-Trichlorophenol	84	(71 - 115)			SW846 8270C
	53 a,p	(71 - 115)	45	(0-30)	SW846 8270C
2,4,6-Trichlorophenol	86	(67 - 116)			SW846 8270C
	53 a,p	(67 - 116)	48	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	71	(49 - 98)
	48 *	(49 - 98)
2-Fluorophenol	42	(24 - 68)
	29	(24 - 68)
Nitrobenzene-d5	66	(53 - 102)
	44 *	(53 - 102)
Phenol-d5	27	(10 - 50)
	19	(10 - 50)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3R41AK-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-002 MJ3R41AL-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	90	(76 - 121)
	60 *	(76 - 121)
2,4,6-Tribromophenol	94	(28 - 132)
	59	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3R41AK-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-002 MJ3R41AL-MSD
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11
Prep Date.....: 06/10/11 **Analysis Date..:** 06/11/11
Prep Batch #...: 1161149
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dichlorobenzene	ND	500	292	ug/L	58		SW846 8270C
	ND	500	215	ug/L	43 a,p	31	SW846 8270C
2,4-Dinitrotoluene	ND	500	483	ug/L	97		SW846 8270C
	ND	500	314	ug/L	63 a,p	42	SW846 8270C
Hexachlorobenzene	ND	500	437	ug/L	87		SW846 8270C
	ND	500	290	ug/L	58 a,p	40	SW846 8270C
Hexachloroethane	ND	500	274	ug/L	55		SW846 8270C
	ND	500	199	ug/L	40 a,p	32	SW846 8270C
2-Methylphenol	ND	500	300	ug/L	60		SW846 8270C
	ND	500	205	ug/L	41 a,p	38	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	1000	564	ug/L	56		SW846 8270C
	ND	1000	384	ug/L	38 a,p	38	SW846 8270C
Nitrobenzene	ND	500	326	ug/L	65		SW846 8270C
	ND	500	214	ug/L	43 a,p	41	SW846 8270C
Pentachlorophenol	ND	500	378	ug/L	76		SW846 8270C
	ND	500	242	ug/L	48 p	44	SW846 8270C
Pyridine	ND	500	213	ug/L	43		SW846 8270C
	ND	500	254	ug/L	51	18	SW846 8270C
2,4,5-Trichlorophenol	ND	500	420	ug/L	84		SW846 8270C
	ND	500	265	ug/L	53 a,p	45	SW846 8270C
2,4,6-Trichlorophenol	ND	500	431	ug/L	86		SW846 8270C
	ND	500	264	ug/L	53 a,p	48	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	71	(49 - 98)
	48 *	(49 - 98)
2-Fluorophenol	42	(24 - 68)
	29	(24 - 68)
Nitrobenzene-d5	66	(53 - 102)
	44 *	(53 - 102)
Phenol-d5	27	(10 - 50)
	19	(10 - 50)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G1F080448 **Work Order #...:** MJ3R41AK-MS **Matrix.....:** SO
MS Lot-Sample #: G1F080448-002 MJ3R41AL-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	90	(76 - 121)
	60 *	(76 - 121)
2,4,6-Tribromophenol	94	(28 - 132)
	59	(28 - 132)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

SOLID, 6010 - TCLP

ENVIRON International Corp.

Client Sample ID: SP-E14A-1A

TCLP Metals

Lot-Sample #...: G1F080448-001 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.82 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3RM1AG
		Dilution Factor: 1				
Chromium	0.056 B	0.10	mg/L	SW846 6010B	06/10/11	MJ3RM1AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1C

TCLP Metals

Lot-Sample #...: G1F080448-002 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	1.5 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3R41AG
		Dilution Factor: 1				
Chromium	0.30	0.10	mg/L	SW846 6010B	06/10/11	MJ3R41AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1B

TCLP Metals

Lot-Sample #...: G1F080448-003 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.80 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3R51AG
		Dilution Factor: 1				
Chromium	0.014 B	0.10	mg/L	SW846 6010B	06/10/11	MJ3R51AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1D

TCLP Metals

Lot-Sample #...: G1F080448-004 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.86 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3R71AG
		Dilution Factor: 1				
Chromium	0.10	0.10	mg/L	SW846 6010B	06/10/11	MJ3R71AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2A

TCLP Metals

Lot-Sample #...: G1F080448-005 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.75 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3TD1AG
		Dilution Factor: 1				
Chromium	0.83	0.10	mg/L	SW846 6010B	06/10/11	MJ3TD1AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2B

TCLP Metals

Lot-Sample #...: G1F080448-006 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.85 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3TG1AG
		Dilution Factor: 1				
Chromium	0.78	0.10	mg/L	SW846 6010B	06/10/11	MJ3TG1AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2C

TCLP Metals

Lot-Sample #...: G1F080448-007 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.86 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3TH1AG
		Dilution Factor: 1				
Chromium	0.64	0.10	mg/L	SW846 6010B	06/10/11	MJ3TH1AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2D

TCLP Metals

Lot-Sample #...: G1F080448-008 Matrix.....: SO
Date Sampled...: 06/06/11 Date Received..: 06/08/11
Leach Date.....: 06/09/11 Leach Batch #..: P116101

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1161029						
Barium	0.79 B	5.0	mg/L	SW846 6010B	06/10/11	MJ3TJ1AG
		Dilution Factor: 1				
Chromium	0.54	0.10	mg/L	SW846 6010B	06/10/11	MJ3TJ1AJ
		Dilution Factor: 1				

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

G1F080448

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 6010B	P116101	1161029	1161013
002	SO	SW846 6010B	P116101	1161029	1161013
003	SO	SW846 6010B	P116101	1161029	1161013
004	SO	SW846 6010B	P116101	1161029	1161013
005	SO	SW846 6010B	P116101	1161029	1161013
006	SO	SW846 6010B	P116101	1161029	1161013
007	SO	SW846 6010B	P116101	1161029	1161013
008	SO	SW846 6010B	P116101	1161029	1161013

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: G1F080448 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G1F100000-029 **Prep Batch #...:** 1161029						
Barium	ND	5.0	mg/L	SW846 6010B	06/10/11	MJ5EP1AA
		Dilution Factor: 1				
Chromium	ND	0.10	mg/L	SW846 6010B	06/10/11	MJ5EP1AC
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: G1F080448 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G1F100000-029 **Prep Batch #...:** 1161029					
Barium	96	(90 - 112)	SW846 6010B	06/10/11	MJ5EP1AD
		Dilution Factor: 1			
Chromium	99	(84 - 114)	SW846 6010B	06/10/11	MJ5EP1AE
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: G1F080448 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G1F100000-029 **Prep Batch #...:** 1161029							
Barium	10.0	9.64	mg/L	96	SW846 6010B	06/10/11	MJ5EP1AD
			Dilution Factor: 1				
Chromium	1.00	0.992	mg/L	99	SW846 6010B	06/10/11	MJ5EP1AE
			Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: G1F080448 **Matrix.....:** SO
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G1F080448-001 **Prep Batch #...:** 1161029							
Leach Date.....: 06/09/11 **Leach Batch #..:** P116101							
Barium	96	(90 - 112)			SW846 6010B	06/10/11	MJ3RM1AK
	96	(90 - 112)	0.18	(0-20)	SW846 6010B	06/10/11	MJ3RM1AL
		Dilution Factor: 1					
Chromium	96	(84 - 114)			SW846 6010B	06/10/11	MJ3RM1AM
	96	(84 - 114)	0.09	(0-20)	SW846 6010B	06/10/11	MJ3RM1AN
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: G1F080448 **Matrix.....:** SO
Date Sampled...: 06/06/11 **Date Received..:** 06/08/11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G1F080448-001 **Prep Batch #...:** 1161029									
Leach Date.....: 06/09/11 **Leach Batch #..:** P116101									
Barium									
	0.82	10.0	10.4	mg/L	96		SW846 6010B	06/10/11	MJ3RM1AK
	0.82	10.0	10.4	mg/L	96	0.18	SW846 6010B	06/10/11	MJ3RM1AL
			Dilution Factor: 1						
Chromium									
	0.056	1.00	1.02	mg/L	96		SW846 6010B	06/10/11	MJ3RM1AM
	0.056	1.00	1.02	mg/L	96	0.09	SW846 6010B	06/10/11	MJ3RM1AN
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-16751-1

Job Description: Environ - NERT Site, Henderson, Nevada

For:
ENVIRON International Corp.
1702 E. Highland Avenue Suite 412
Phoenix, AZ 85016

Attention: Mr. John Pekala

Lori Parsons

Approved for release.
Lori A Parsons
Project Manager I
6/17/2011 2:33 PM

Lori A Parsons
Project Manager I
lori.parsons@testamericainc.com
06/17/2011

cc: Linda Rauto

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE

Client: ENVIRON International Corp.

Project: Environ - NERT Site, Henderson, Nevada

Report Number: 280-16751-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 06/09/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.3 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SP-E14A-1A (280-16751-1), SP-E14A-1C (280-16751-2), SP-E14A-1B (280-16751-3), SP-E14A-1D (280-16751-4), SP-E14A-2A (280-16751-5), SP-E14A-2B (280-16751-6), SP-E14A-2C (280-16751-7) and SP-E14A-2D (280-16751-8) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 06/09/2011 and analyzed on 06/16/2011 and 06/17/2011.

The following sample(s) was received with headspace in the sample vial: SP-E14A-1A (280-16751-1), SP-E14A-1B (280-16751-3), SP-E14A-1C (280-16751-2), SP-E14A-1D (280-16751-4), SP-E14A-2A (280-16751-5), SP-E14A-2B (280-16751-6), SP-E14A-2C (280-16751-7), SP-E14A-2D (280-16751-8). For TCLP ZHE extraction in batch 71261.

No difficulties were encountered during the TCLP volatiles analyses.

All quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Instrument ID: MSV_MS1 Analysis Batch Number: 72505

Lab Sample ID: LB 280-71261/1-A Client Sample ID:

Date Analyzed: 06/16/11 22:39 Lab File ID: ms6348.D GC Column: DB-624 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)	7.42	Analyte not Identified by the Data System	lipant	06/16/11 22:56

SAMPLE SUMMARY

Client: ENVIRON International Corp. Job Number: 280-16751-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-16751-1	SP-E14A-1A	Solid	06/06/2011 1145	06/09/2011 0930
280-16751-2	SP-E14A-1C	Solid	06/06/2011 1155	06/09/2011 0930
280-16751-3	SP-E14A-1B	Solid	06/06/2011 1205	06/09/2011 0930
280-16751-4	SP-E14A-1D	Solid	06/06/2011 1210	06/09/2011 0930
280-16751-5	SP-E14A-2A	Solid	06/06/2011 1240	06/09/2011 0930
280-16751-6	SP-E14A-2B	Solid	06/06/2011 1245	06/09/2011 0930
280-16751-7	SP-E14A-2C	Solid	06/06/2011 1250	06/09/2011 0930
280-16751-8	SP-E14A-2D	Solid	06/06/2011 1255	06/09/2011 0930

EXECUTIVE SUMMARY - Detections

Client: ENVIRON International Corp. Job Number: 280-16751-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
280-16751-5	**SP-E14A-2A**					
TCLP						
2-Butanone (MEK)		0.020	J	0.10	mg/L	8260B
Tetrachloroethene		0.0036	J	0.010	mg/L	8260B
280-16751-6	**SP-E14A-2B**					
TCLP						
Tetrachloroethene		0.036		0.010	mg/L	8260B
280-16751-7	**SP-E14A-2C**					
TCLP						
Tetrachloroethene		0.019		0.010	mg/L	8260B
280-16751-8	**SP-E14A-2D**					
TCLP						
2-Butanone (MEK)		0.020	J	0.10	mg/L	8260B
Tetrachloroethene		0.020		0.010	mg/L	8260B

METHOD SUMMARY

Client: ENVIRON International Corp. Job Number: 280-16751-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
TCLP Extraction	TAL DEN		SW846 1311
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ENVIRON International Corp. Job Number: 280-16751-1

Method	Analyst	Analyst ID
SW846 8260B	Lipan, Troy B	TBL

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-1A**

Lab Sample ID: 280-16751-1 Date Sampled: 06/06/2011 1145
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6349.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/16/2011 2259			Final Weight/Volume:	20 mL
Prep Date:	06/16/2011 2259				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		ND		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		64 - 129
Toluene-d8 (Surr)	108		78 - 120
4-Bromofluorobenzene (Surr)	90		78 - 121
Dibromofluoromethane (Surr)	105		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-1C**

Lab Sample ID: 280-16751-2 Date Sampled: 06/06/2011 1155
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6352.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0000			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0000				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		ND		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		64 - 129
Toluene-d8 (Surr)	114		78 - 120
4-Bromofluorobenzene (Surr)	92		78 - 121
Dibromofluoromethane (Surr)	109		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-1B**

Lab Sample ID: 280-16751-3 Date Sampled: 06/06/2011 1205
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6353.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0020			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0020				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		ND		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		64 - 129
Toluene-d8 (Surr)	111		78 - 120
4-Bromofluorobenzene (Surr)	93		78 - 121
Dibromofluoromethane (Surr)	107		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-1D**

Lab Sample ID: 280-16751-4 Date Sampled: 06/06/2011 1210
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6354.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0040			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0040				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		ND		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		64 - 129
Toluene-d8 (Surr)	115		78 - 120
4-Bromofluorobenzene (Surr)	93		78 - 121
Dibromofluoromethane (Surr)	106		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-2A**

Lab Sample ID: 280-16751-5 Date Sampled: 06/06/2011 1240
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6355.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0100			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0100				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		0.020	J	0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		0.0036	J	0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		64 - 129
Toluene-d8 (Surr)	115		78 - 120
4-Bromofluorobenzene (Surr)	92		78 - 121
Dibromofluoromethane (Surr)	109		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-2B**

Lab Sample ID: 280-16751-6 Date Sampled: 06/06/2011 1245
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6356.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0120			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0120				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		0.036		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		64 - 129
Toluene-d8 (Surr)	111		78 - 120
4-Bromofluorobenzene (Surr)	86		78 - 121
Dibromofluoromethane (Surr)	106		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-2C**

Lab Sample ID: 280-16751-7 Date Sampled: 06/06/2011 1250
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6357.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0140			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0140				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		ND		0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		0.019		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		64 - 129
Toluene-d8 (Surr)	114		78 - 120
4-Bromofluorobenzene (Surr)	90		78 - 121
Dibromofluoromethane (Surr)	109		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Client Sample ID: **SP-E14A-2D**

Lab Sample ID: 280-16751-8 Date Sampled: 06/06/2011 1255
Client Matrix: Solid Date Received: 06/09/2011 0930

8260B Volatile Organic Compounds (GC/MS)-TCLP

Analysis Method:	8260B	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	ms6358.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/17/2011 0200			Final Weight/Volume:	20 mL
Prep Date:	06/17/2011 0200				
Leach Date:	06/09/2011 1913				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Benzene		ND		0.0016	0.010
2-Butanone (MEK)		0.020	J	0.018	0.10
Carbon tetrachloride		ND		0.0019	0.010
Chlorobenzene		ND		0.0017	0.010
Chloroform		ND		0.0016	0.010
1,2-Dichloroethane		ND		0.0013	0.010
1,1-Dichloroethene		ND		0.0014	0.010
Tetrachloroethene		0.020		0.0020	0.010
Trichloroethene		ND		0.0016	0.010
Vinyl chloride		ND		0.0040	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		64 - 129
Toluene-d8 (Surr)	110		78 - 120
4-Bromofluorobenzene (Surr)	87		78 - 121
Dibromofluoromethane (Surr)	106		79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid TCLP

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-16751-1	SP-E14A-1A	105	104	108	90
280-16751-2	SP-E14A-1C	109	108	114	92
280-16751-3	SP-E14A-1B	107	107	111	93
280-16751-4	SP-E14A-1D	106	107	115	93
280-16751-5	SP-E14A-2A	109	108	115	92
280-16751-6	SP-E14A-2B	106	105	111	86
280-16751-7	SP-E14A-2C	109	112	114	90
280-16751-8	SP-E14A-2D	106	105	110	87
LB 280-71261/1-A		105	104	108	90
LCS 280-71261/2-A		113	109	115	96
280-16751-1 MS	SP-E14A-1A MS	111	113	111	93
280-16751-1 MSD	SP-E14A-1A MSD	113	113	112	96

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	79-119
DCA = 1,2-Dichloroethane-d4 (Surr)	64-129
TOL = Toluene-d8 (Surr)	78-120
BFB = 4-Bromofluorobenzene (Surr)	78-121

Client: ENVIRON International Corp. Job Number: 280-16751-1

TCLP SPLPE Leachate Blank - Batch: 280-72505

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID:	LB 280-71261/1-A	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	ms6348.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/16/2011 2239	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	06/16/2011 2239				
Leach Date:	06/09/2011 1913				

Analyte	Result	Qual	MDL	RL
Benzene	ND		0.0016	0.010
2-Butanone (MEK)	ND		0.018	0.10
Carbon tetrachloride	ND		0.0019	0.010
Chlorobenzene	ND		0.0017	0.010
Chloroform	ND		0.0016	0.010
1,2-Dichloroethane	ND		0.0013	0.010
1,1-Dichloroethene	ND		0.0014	0.010
Tetrachloroethene	ND		0.0020	0.010
Trichloroethene	ND		0.0016	0.010
Vinyl chloride	ND		0.0040	0.010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	64 - 129
Toluene-d8 (Surr)	108	78 - 120
4-Bromofluorobenzene (Surr)	90	78 - 121
Dibromofluoromethane (Surr)	105	79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Lab Control Sample - Batch: 280-72505

Method: 8260B
Preparation: 5030B
TCLP

Lab Sample ID:	LCS 280-71261/2-A	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	ms6347.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/16/2011 2219	Units:	mg/L	Final Weight/Volume:	20 mL
Prep Date:	06/16/2011 2219				
Leach Date:	06/09/2011 1913				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.0500	0.0493	99	78 - 118	
2-Butanone (MEK)	0.200	0.187	94	48 - 134	
Carbon tetrachloride	0.0500	0.0475	95	69 - 137	
Chlorobenzene	0.0500	0.0493	99	79 - 119	
Chloroform	0.0500	0.0484	97	79 - 120	
1,2-Dichloroethane	0.0500	0.0511	102	66 - 130	
1,1-Dichloroethene	0.0500	0.0491	98	72 - 134	
Tetrachloroethene	0.0500	0.0475	95	80 - 123	
Trichloroethene	0.0500	0.0508	102	81 - 124	
Vinyl chloride	0.0500	0.0600	120	55 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	64 - 129
Toluene-d8 (Surr)	115	78 - 120
4-Bromofluorobenzene (Surr)	96	78 - 121
Dibromofluoromethane (Surr)	113	79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-72505

Method: 8260B
Preparation: 5030B
TCLP

MS Lab Sample ID:	280-16751-1	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	ms6350.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/16/2011 2319			Final Weight/Volume:	20 mL
Prep Date:	06/16/2011 2319				
Leach Date:	06/09/2011 1913				

MSD Lab Sample ID:	280-16751-1	Analysis Batch:	280-72505	Instrument ID:	MSV_MS1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	ms6351.D
Dilution:	1.0	Leach Batch:	280-71261	Initial Weight/Volume:	2 mL
Analysis Date:	06/16/2011 2339			Final Weight/Volume:	20 mL
Prep Date:	06/16/2011 2339				
Leach Date:	06/09/2011 1913				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	104	108	78 - 118	4	20		
2-Butanone (MEK)	93	96	48 - 134	3	41		
Carbon tetrachloride	108	111	69 - 137	3	20		
Chlorobenzene	101	105	79 - 119	3	27		
Chloroform	100	104	79 - 120	4	20		
1,2-Dichloroethane	106	108	66 - 130	2	20		
1,1-Dichloroethene	108	111	72 - 134	3	28		
Tetrachloroethene	105	107	80 - 123	2	21		
Trichloroethene	111	116	81 - 124	5	35		
Vinyl chloride	119	123	55 - 135	4	35		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	113	64 - 129
Toluene-d8 (Surr)	111	112	78 - 120
4-Bromofluorobenzene (Surr)	93	96	78 - 121
Dibromofluoromethane (Surr)	111	113	79 - 119

Client: ENVIRON International Corp. Job Number: 280-16751-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-72505

Method: 8260B
Preparation: 5030B
TCLP

MS Lab Sample ID:	280-16751-1	Units: mg/L		MSD Lab Sample ID:	280-16751-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	06/16/2011 2319			Analysis Date:	06/16/2011 2339
Prep Date:	06/16/2011 2319			Prep Date:	06/16/2011 2339
Leach Date:	06/09/2011 1913			Leach Date:	06/09/2011 1913

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	ND	0.0500	0.0500	0.0519	0.0538
2-Butanone (MEK)	ND	0.200	0.200	0.187	0.192
Carbon tetrachloride	ND	0.0500	0.0500	0.0538	0.0557
Chlorobenzene	ND	0.0500	0.0500	0.0506	0.0523
Chloroform	ND	0.0500	0.0500	0.0499	0.0520
1,2-Dichloroethane	ND	0.0500	0.0500	0.0529	0.0539
1,1-Dichloroethene	ND	0.0500	0.0500	0.0538	0.0557
Tetrachloroethene	ND	0.0500	0.0500	0.0525	0.0536
Trichloroethene	ND	0.0500	0.0500	0.0556	0.0582
Vinyl chloride	ND	0.0500	0.0500	0.0596	0.0617

DATA REPORTING QUALIFIERS

Client: ENVIRON International Corp. Job Number: 280-16751-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: ENVIRON International Corp. Job Number: 280-16751-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 280-71261					
LCS 280-71261/2-A	Lab Control Sample	P	Solid	1311	
LB 280-71261/1-A	TCLP SPLPE Leachate Blank	P	Solid	1311	
280-16751-1	SP-E14A-1A	P	Solid	1311	
280-16751-1MS	Matrix Spike	P	Solid	1311	
280-16751-1MSD	Matrix Spike Duplicate	P	Solid	1311	
280-16751-2	SP-E14A-1C	P	Solid	1311	
280-16751-3	SP-E14A-1B	P	Solid	1311	
280-16751-4	SP-E14A-1D	P	Solid	1311	
280-16751-5	SP-E14A-2A	P	Solid	1311	
280-16751-6	SP-E14A-2B	P	Solid	1311	
280-16751-7	SP-E14A-2C	P	Solid	1311	
280-16751-8	SP-E14A-2D	P	Solid	1311	
Analysis Batch:280-72505					
LCS 280-71261/2-A	Lab Control Sample	P	Solid	8260B	
LB 280-71261/1-A	TCLP SPLPE Leachate Blank	P	Solid	8260B	
280-16751-1	SP-E14A-1A	P	Solid	8260B	
280-16751-1MS	Matrix Spike	P	Solid	8260B	
280-16751-1MSD	Matrix Spike Duplicate	P	Solid	8260B	
280-16751-2	SP-E14A-1C	P	Solid	8260B	
280-16751-3	SP-E14A-1B	P	Solid	8260B	
280-16751-4	SP-E14A-1D	P	Solid	8260B	
280-16751-5	SP-E14A-2A	P	Solid	8260B	
280-16751-6	SP-E14A-2B	P	Solid	8260B	
280-16751-7	SP-E14A-2C	P	Solid	8260B	
280-16751-8	SP-E14A-2D	P	Solid	8260B	

Report Basis
P = TCLP

Client: ENVIRON International Corp. Job Number: 280-16751-1

Laboratory Chronicle

Lab ID: 280-16751-1 **Client ID:** SP-E14A-1A

Sample Date/Time: 06/06/2011 11:45 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-1-A		280-72505		06/16/2011 22:59	1	TAL DEN	TBL
A:8260B	280-16751-A-1-A		280-72505		06/16/2011 22:59	1	TAL DEN	TBL

Lab ID: 280-16751-1 MS **Client ID:** SP-E14A-1A

Sample Date/Time: 06/06/2011 11:45 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-1-A MS		280-72505		06/16/2011 23:19	1	TAL DEN	TBL
A:8260B	280-16751-A-1-A MS		280-72505		06/16/2011 23:19	1	TAL DEN	TBL

Lab ID: 280-16751-1 MSD **Client ID:** SP-E14A-1A

Sample Date/Time: 06/06/2011 11:45 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-1-A MSD		280-72505		06/16/2011 23:39	1	TAL DEN	TBL
A:8260B	280-16751-A-1-A MSD		280-72505		06/16/2011 23:39	1	TAL DEN	TBL

Lab ID: 280-16751-2 **Client ID:** SP-E14A-1C

Sample Date/Time: 06/06/2011 11:55 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-2-A		280-72505		06/17/2011 00:00	1	TAL DEN	TBL
A:8260B	280-16751-A-2-A		280-72505		06/17/2011 00:00	1	TAL DEN	TBL

Lab ID: 280-16751-3 **Client ID:** SP-E14A-1B

Sample Date/Time: 06/06/2011 12:05 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-3-A		280-72505		06/17/2011 00:20	1	TAL DEN	TBL
A:8260B	280-16751-A-3-A		280-72505		06/17/2011 00:20	1	TAL DEN	TBL

Lab ID: 280-16751-4 **Client ID:** SP-E14A-1D

Sample Date/Time: 06/06/2011 12:10 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-4-A		280-72505		06/17/2011 00:40	1	TAL DEN	TBL
A:8260B	280-16751-A-4-A		280-72505		06/17/2011 00:40	1	TAL DEN	TBL

Client: ENVIRON International Corp. Job Number: 280-16751-1

Laboratory Chronicle

Lab ID: 280-16751-5 **Client ID:** SP-E14A-2A

Sample Date/Time: 06/06/2011 12:40 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-5-A		280-72505		06/17/2011 01:00	1	TAL DEN	TBL
A:8260B	280-16751-A-5-A		280-72505		06/17/2011 01:00	1	TAL DEN	TBL

Lab ID: 280-16751-6 **Client ID:** SP-E14A-2B

Sample Date/Time: 06/06/2011 12:45 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-6-A		280-72505		06/17/2011 01:20	1	TAL DEN	TBL
A:8260B	280-16751-A-6-A		280-72505		06/17/2011 01:20	1	TAL DEN	TBL

Lab ID: 280-16751-7 **Client ID:** SP-E14A-2C

Sample Date/Time: 06/06/2011 12:50 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-7-A		280-72505		06/17/2011 01:40	1	TAL DEN	TBL
A:8260B	280-16751-A-7-A		280-72505		06/17/2011 01:40	1	TAL DEN	TBL

Lab ID: 280-16751-8 **Client ID:** SP-E14A-2D

Sample Date/Time: 06/06/2011 12:55 Received Date/Time: 06/09/2011 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-16751-A-8-A		280-72505		06/17/2011 02:00	1	TAL DEN	TBL
A:8260B	280-16751-A-8-A		280-72505		06/17/2011 02:00	1	TAL DEN	TBL

Lab ID: LB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LB 280-71261/1-A		280-72505		06/16/2011 22:39	1	TAL DEN	TBL
A:8260B	LB 280-71261/1-A		280-72505		06/16/2011 22:39	1	TAL DEN	TBL

Client: ENVIRON International Corp. Job Number: 280-16751-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 280-71261/2-A		280-72505		06/16/2011 22:19	1	TAL DEN	TBL
A:8260B	LCS 280-71261/2-A		280-72505		06/16/2011 22:19	1	TAL DEN	TBL

Lab References:
TAL DEN = TestAmerica Denver

Certification Summary

Client: ENVIRON International Corp. TestAmerica Job ID: 280-16751-1
Project/Site: Environ - NERT Site, Henderson, Nevada

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Denver	A2LA	DoD ELAP	0	2907.01
TestAmerica Denver	A2LA	ISO/IEC 17025	0	2907.01
TestAmerica Denver	Alabama	State Program	4	
TestAmerica Denver	Alaska	Alaska UST	10	UST-30
TestAmerica Denver	Arizona	State Program	9	AZ0713
TestAmerica Denver	California	State Program	9	2513
TestAmerica Denver	Colorado	State Program	8	N/A
TestAmerica Denver	Connecticut	State Program	1	PH-0686
TestAmerica Denver	Florida	NELAC	4	E87667
TestAmerica Denver	Georgia	State Program	4	N/A
TestAmerica Denver	Idaho	State Program	10	CO00026
TestAmerica Denver	Illinois	NELAC	5	200017
TestAmerica Denver	Iowa	State Program	7	370
TestAmerica Denver	Louisiana	NELAC	6	30785
TestAmerica Denver	Maine	State Program	1	CO0002
TestAmerica Denver	Maryland	State Program	3	268
TestAmerica Denver	Minnesota	NELAC	5	8-999-405
TestAmerica Denver	Nevada	State Program	9	CO0026
TestAmerica Denver	New Mexico	State Program	6	N/A
TestAmerica Denver	New York	NELAC	2	11964
TestAmerica Denver	North Carolina	North Carolina DENR	4	358
TestAmerica Denver	North Dakota	State Program	8	R-034
TestAmerica Denver	Oklahoma	State Program	6	8614
TestAmerica Denver	Oregon	NELAC	10	CO200001
TestAmerica Denver	Pennsylvania	NELAC	3	68-00664
TestAmerica Denver	South Carolina	State Program	4	72002
TestAmerica Denver	Texas	NELAC	6	T104704183-08-TX
TestAmerica Denver	USDA	USDA	0	P330-08-00036
TestAmerica Denver	Utah	NELAC	8	QUAN5
TestAmerica Denver	Washington	State Program	10	C1284
TestAmerica Denver	West Virginia	West Virginia DEP	3	354
TestAmerica Denver	Wisconsin	State Program	5	999615430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): DB-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SP-E14A-1A	280-16751-1	105	104	108	90
SP-E14A-1C	280-16751-2	109	108	114	92
SP-E14A-1B	280-16751-3	107	107	111	93
SP-E14A-1D	280-16751-4	106	107	115	93
SP-E14A-2A	280-16751-5	109	108	115	92
SP-E14A-2B	280-16751-6	106	105	111	86
SP-E14A-2C	280-16751-7	109	112	114	90
SP-E14A-2D	280-16751-8	106	105	110	87
	LB 280-71261/1-A	105	104	108	90
	LCS 280-71261/2-A	113	109	115	96
SP-E14A-1A MS	280-16751-1 MS	111	113	111	93
SP-E14A-1A MSD	280-16751-1 MSD	113	113	112	96

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	79-119
DCA = 1,2-Dichloroethane-d4 (Surr)	64-129
TOL = Toluene-d8 (Surr)	78-120
BFB = 4-Bromofluorobenzene (Surr)	78-121

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: ms6347.D

Lab ID: LCS 280-71261/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Benzene	0.0500	0.0493	99	78-118	
2-Butanone (MEK)	0.200	0.187	94	48-134	
Carbon tetrachloride	0.0500	0.0475	95	69-137	
Chlorobenzene	0.0500	0.0493	99	79-119	
Chloroform	0.0500	0.0484	97	79-120	
1,2-Dichloroethane	0.0500	0.0511	102	66-130	
1,1-Dichloroethene	0.0500	0.0491	98	72-134	
Tetrachloroethene	0.0500	0.0475	95	80-123	
Trichloroethene	0.0500	0.0508	102	81-124	
Vinyl chloride	0.0500	0.0600	120	55-135	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: ms6350.D

Lab ID: 280-16751-1 MS Client ID: SP-E14A-1A MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
Benzene	0.0500	ND	0.0519	104	78-118	
2-Butanone (MEK)	0.200	ND	0.187	93	48-134	
Carbon tetrachloride	0.0500	ND	0.0538	108	69-137	
Chlorobenzene	0.0500	ND	0.0506	101	79-119	
Chloroform	0.0500	ND	0.0499	100	79-120	
1,2-Dichloroethane	0.0500	ND	0.0529	106	66-130	
1,1-Dichloroethene	0.0500	ND	0.0538	108	72-134	
Tetrachloroethene	0.0500	ND	0.0525	105	80-123	
Trichloroethene	0.0500	ND	0.0556	111	81-124	
Vinyl chloride	0.0500	ND	0.0596	119	55-135	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: ms6351.D

Lab ID: 280-16751-1 MSD Client ID: SP-E14A-1A MSD

COMPOUND	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	0.0500	0.0538	108	4	20	78-118	
2-Butanone (MEK)	0.200	0.192	96	3	41	48-134	
Carbon tetrachloride	0.0500	0.0557	111	3	20	69-137	
Chlorobenzene	0.0500	0.0523	105	3	27	79-119	
Chloroform	0.0500	0.0520	104	4	20	79-120	
1,2-Dichloroethane	0.0500	0.0539	108	2	20	66-130	
1,1-Dichloroethene	0.0500	0.0557	111	3	28	72-134	
Tetrachloroethene	0.0500	0.0536	107	2	21	80-123	
Trichloroethene	0.0500	0.0582	116	5	35	81-124	
Vinyl chloride	0.0500	0.0617	123	4	35	55-135	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Lab File ID: ms5676.D BFB Injection Date: 06/03/2011

Instrument ID: MSV_MS1 BFB Injection Time: 08:39

Analysis Batch No.: 70411

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	44.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.1	(0.2)1
174	50.0 - 120.00 % of mass 95	74.1	
175	5.0 - 9.0 % of mass 174	5.3	(7.1)1
176	95.0 - 101.0 % of mass 174	70.6	(95.2)1
177	5.0 - 9.0 % of mass 176	4.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 280-70411/2	ms5677.D	06/03/2011	08:48
	IC 280-70411/3	ms5678.D	06/03/2011	09:08
	IC 280-70411/4	ms5679.D	06/03/2011	09:28
	IC 280-70411/5	ms5680.D	06/03/2011	09:48
	IC 280-70411/6	ms5681.D	06/03/2011	10:08
	IC 280-70411/7	ms5682.D	06/03/2011	10:28
	IC 280-70411/8	ms5687.D	06/03/2011	12:09
	IC 280-70411/9	ms5688.D	06/03/2011	12:29
	IC 280-70411/10	ms5689.D	06/03/2011	12:49
	IC 280-70411/11	ms5690.D	06/03/2011	13:09
	ICIS 280-70411/12	ms5691.D	06/03/2011	13:30
	IC 280-70411/13	ms5692.D	06/03/2011	13:50
	IC 280-70411/14	ms5693.D	06/03/2011	14:10
	IC 280-70411/15	ms5694.D	06/03/2011	14:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Lab File ID: ms6337.D BFB Injection Date: 06/16/2011

Instrument ID: MSV_MS1 BFB Injection Time: 18:00

Analysis Batch No.: 72505

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	74.3	
175	5.0 - 9.0 % of mass 174	5.5	(7.5)1
176	95.0 - 101.0 % of mass 174	71.7	(96.4)1
177	5.0 - 9.0 % of mass 176	5.1	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-72505/2	ms6338.D	06/16/2011	18:28
	CCV 280-72505/3	ms6339.D	06/16/2011	18:48
	LCS 280-71261/2-A	ms6347.D	06/16/2011	22:19
	LB 280-71261/1-A	ms6348.D	06/16/2011	22:39
SP-E14A-1A	280-16751-1	ms6349.D	06/16/2011	22:59
SP-E14A-1A MS	280-16751-1 MS	ms6350.D	06/16/2011	23:19
SP-E14A-1A MSD	280-16751-1 MSD	ms6351.D	06/16/2011	23:39
SP-E14A-1C	280-16751-2	ms6352.D	06/17/2011	00:00
SP-E14A-1B	280-16751-3	ms6353.D	06/17/2011	00:20
SP-E14A-1D	280-16751-4	ms6354.D	06/17/2011	00:40
SP-E14A-2A	280-16751-5	ms6355.D	06/17/2011	01:00
SP-E14A-2B	280-16751-6	ms6356.D	06/17/2011	01:20
SP-E14A-2C	280-16751-7	ms6357.D	06/17/2011	01:40
SP-E14A-2D	280-16751-8	ms6358.D	06/17/2011	02:00

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1A | Lab Sample ID: 280-16751-1

Matrix: Solid (TCLP) | Lab File ID: ms6349.D

Analysis Method: 8260B | Date Collected: 06/06/2011 11:45

Sample wt/vol: 2(mL) | Date Analyzed: 06/16/2011 22:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	ND		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-129
2037-26-5	Toluene-d8 (Surr)	108		78-120
460-00-4	4-Bromofluorobenzene (Surr)	90		78-121
1868-53-7	Dibromofluoromethane (Surr)	105		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1C | Lab Sample ID: 280-16751-2

Matrix: Solid (TCLP) | Lab File ID: ms6352.D

Analysis Method: 8260B | Date Collected: 06/06/2011 11:55

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 00:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	ND		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		64-129
2037-26-5	Toluene-d8 (Surr)	114		78-120
460-00-4	4-Bromofluorobenzene (Surr)	92		78-121
1868-53-7	Dibromofluoromethane (Surr)	109		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1B | Lab Sample ID: 280-16751-3

Matrix: Solid (TCLP) | Lab File ID: ms6353.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:05

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 00:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	ND		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		64-129
2037-26-5	Toluene-d8 (Surr)	111		78-120
460-00-4	4-Bromofluorobenzene (Surr)	93		78-121
1868-53-7	Dibromofluoromethane (Surr)	107		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1D | Lab Sample ID: 280-16751-4

Matrix: Solid (TCLP) | Lab File ID: ms6354.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:10

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 00:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	ND		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		64-129
2037-26-5	Toluene-d8 (Surr)	115		78-120
460-00-4	4-Bromofluorobenzene (Surr)	93		78-121
1868-53-7	Dibromofluoromethane (Surr)	106		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-2A | Lab Sample ID: 280-16751-5

Matrix: Solid (TCLP) | Lab File ID: ms6355.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:40

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 01:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	0.020	J	0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	0.0036	J	0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		64-129
2037-26-5	Toluene-d8 (Surr)	115		78-120
460-00-4	4-Bromofluorobenzene (Surr)	92		78-121
1868-53-7	Dibromofluoromethane (Surr)	109		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-2B | Lab Sample ID: 280-16751-6

Matrix: Solid (TCLP) | Lab File ID: ms6356.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:45

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 01:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	0.036		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		64-129
2037-26-5	Toluene-d8 (Surr)	111		78-120
460-00-4	4-Bromofluorobenzene (Surr)	86		78-121
1868-53-7	Dibromofluoromethane (Surr)	106		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-2C | Lab Sample ID: 280-16751-7

Matrix: Solid (TCLP) | Lab File ID: ms6357.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:50

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 01:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	0.019		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		64-129
2037-26-5	Toluene-d8 (Surr)	114		78-120
460-00-4	4-Bromofluorobenzene (Surr)	90		78-121
1868-53-7	Dibromofluoromethane (Surr)	109		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-2D | Lab Sample ID: 280-16751-8

Matrix: Solid (TCLP) | Lab File ID: ms6358.D

Analysis Method: 8260B | Date Collected: 06/06/2011 12:55

Sample wt/vol: 2(mL) | Date Analyzed: 06/17/2011 02:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	0.020	J	0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	0.020		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		64-129
2037-26-5	Toluene-d8 (Surr)	110		78-120
460-00-4	4-Bromofluorobenzene (Surr)	87		78-121
1868-53-7	Dibromofluoromethane (Surr)	106		79-119

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-70411/2	ms5677.D
Level 2	IC 280-70411/3	ms5678.D
Level 3	IC 280-70411/4	ms5679.D
Level 4	IC 280-70411/5	ms5680.D
Level 5	IC 280-70411/6	ms5681.D
Level 6	IC 280-70411/7	ms5682.D
Level 7	IC 280-70411/15	ms5694.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Xylenes, Total	+++++ 2.9663	3.5172 2.4452	3.5107	3.5964	3.4266	Ave		3.2438				13.9		15.0			
1,2-Dichloroethene, Total	+++++ 0.3395	0.4024 0.3280	0.3997	0.3871	0.3670	Ave		0.3706				8.5		15.0			
Dichlorodifluoromethane	0.3896 0.3041	0.3037 0.2863	0.3048	0.3572	0.3498	Ave		0.3279				11.5		15.0			
Chloromethane	+++++ 0.3687	0.4159 0.3547	0.4333	0.4529	0.4239	Ave		0.4082			0.1000	9.4		15.0			
Ethanol	+++++ 0.0008	0.0012 0.0008	0.0011	0.0009	0.0009	Lin2	-2.067	0.0008							0.9936		0.9900
Vinyl chloride	+++++ 0.3570	0.4195 0.3353	0.4254	0.4386	0.4096	Ave		0.3976				10.4		30.0			
Bromomethane	+++++ 0.2723	0.3059 0.2592	0.3086	0.3188	0.2974	Ave		0.2937				7.9		15.0			
Chloroethane	+++++ 0.2653	0.3220 0.2535	0.3151	0.3144	0.2945	Ave		0.2941				9.8		15.0			
Trichlorofluoromethane	+++++ 0.4672	0.5586 0.4413	0.5793	0.5458	0.5265	Ave		0.5198				10.4		15.0			
Acrolein	0.0242 0.0162	0.0218 0.0166	0.0210	0.0192	0.0184	Ave		0.0196				14.6		15.0			
Acetone	0.0758 0.0205	0.0333 0.0206	0.0293	0.0268	0.0237	Lin	-0.335	0.0202							0.9995		
1,1-Dichloroethene	+++++ 0.2936	0.3544 0.2909	0.3441	0.3455	0.3230	Ave		0.3252				8.5		30.0			
Acetonitrile	+++++ 0.0084	0.0112 0.0083	0.0108	0.0104	0.0099	Ave		0.0098				12.3		15.0			
Iodomethane	+++++ 0.3820	0.4184 0.3713	0.4326	0.4321	0.4076	Ave		0.4074				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-butyl alcohol (2-methyl-2-propanol)	+++++ 0.0058	0.0068 0.0060	0.0069	0.0067	0.0064	Ave		0.0064				7.2		15.0			
Methylene Chloride	+++++ 0.2651	0.3600 0.2533	0.3428	0.3110	0.2916	Ave		0.3040				13.9		15.0			
Acrylonitrile	+++++ 0.0282	0.0334 0.0280	0.0348	0.0333	0.0320	Ave		0.0316				9.0		15.0			
trans-1,2-Dichloroethene	+++++ 0.3426	0.4140 0.3280	0.4075	0.3949	0.3713	Ave		0.3764				9.4		15.0			
Isopropyl ether	0.2994 0.2068	0.2412 0.1938	0.2458	0.2400	0.2300	Ave		0.2367				14.3		15.0			
1,1-Dichloroethane	0.8371 0.5665	0.6575 0.5412	0.6695	0.6586	0.6248	Ave		0.6507			0.1000	14.7		15.0			
Chloroprene	+++++ 0.5853	0.6679 0.5381	0.7015	0.6995	0.6506	Ave		0.6405				10.3		15.0			
2-Butanone (MEK)	+++++ 0.0327	0.0401 0.0335	0.0384	0.0390	0.0368	Ave		0.0368				8.2		15.0			
Propionitrile	+++++ 0.0103	0.0124 0.0105	0.0125	0.0122	0.0117	Ave		0.0116				8.3		15.0			
cis-1,2-Dichloroethene	0.4962 0.3364	0.3908 0.3280	0.3919	0.3793	0.3628	Ave		0.3836				14.5		15.0			
2,2-Dichloropropane	+++++ 0.4929	0.5454 0.4675	0.5635	0.5692	0.5336	Ave		0.5287				7.7		15.0			
Methacrylonitrile	0.0702 0.0520	0.0598 0.0513	0.0638	0.0625	0.0603	Ave		0.0600				11.1		15.0			
Chlorobromomethane	0.1341 0.1020	0.1100 0.1041	0.1119	0.1128	0.1082	Ave		0.1119				9.4		15.0			
Chloroform	0.7286 0.4951	0.5763 0.4794	0.5758	0.5702	0.5410	Ave		0.5666				14.4		30.0			
Isobutyl alcohol	0.0032 0.0021	0.0026 0.0022	0.0023	0.0024	0.0023	Ave		0.0025				14.9		15.0			
1,1,1-Trichloroethane	0.7416 0.5086	0.5884 0.4803	0.5889	0.5953	0.5530	Ave		0.5794				14.5		15.0			
1,1-Dichloropropene	+++++ 0.4968	0.5900 0.4534	0.5838	0.5780	0.5458	Ave		0.5413				10.2		15.0			
Carbon tetrachloride	+++++ 0.4119	0.4548 0.3864	0.4583	0.4694	0.4446	Ave		0.4376				7.3		15.0			
1,2-Dichloroethane	0.3319 0.2301	0.2697 0.2289	0.2757	0.2654	0.2589	Ave		0.2658				13.0		15.0			
Benzene	+++++ 1.2646	1.5031 1.1073	1.5322	1.5005	1.4254	Ave		1.3889				12.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.0125 0.0021	0.0047 0.0022	0.0038	0.0026	0.0023	Lin	-2.816	0.0021							0.9994		
Trichloroethene	+++++ 0.3385	0.3792 0.3225	0.3777	0.3756	0.3597	Ave		0.3589				6.6		15.0			
1,2-Dichloropropane	0.4009 0.2735	0.3131 0.2687	0.3129	0.3119	0.3033	Ave		0.3121				13.9		30.0			
1,4-Dioxane	+++++ 0.0008	0.0009 0.0008	0.0010	0.0009	0.0009	Ave		0.0009				10.0		15.0			
Dibromomethane	0.1261 0.0903	0.1012 0.0902	0.1048	0.0998	0.0999	Ave		0.1017				11.8		15.0			
Dichlorobromomethane	0.4261 0.2973	0.3164 0.2938	0.3313	0.3283	0.3200	Ave		0.3305				13.5		15.0			
cis-1,3-Dichloropropene	2.6529 1.8177	2.1094 1.7497	2.0703	2.1380	2.0848	Ave		2.0890				14.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.5182 0.3764	0.4492 0.3726	0.4593	0.4700	0.4470	Ave		0.4418				11.7		15.0			
Toluene	2.0698 1.3119	1.5856 1.0381	1.6158	1.5779	1.4936	Qua	0.0374	0.4622	0.0982						0.9993		0.9900
trans-1,3-Dichloropropene	+++++ 0.2626	0.2712 0.2597	0.2934	0.2872	0.2793	Ave		0.2756				4.9		15.0			
1,1,2-Trichloroethane	+++++ 0.1249	0.1681 0.1252	0.1496	0.1442	0.1385	Ave		0.1418				11.5		15.0			
2-Hexanone	+++++ 0.0502	0.0551 0.0504	0.0591	0.0571	0.0553	Ave		0.0546				6.6		15.0			
1,3-Dichloropropane	1.8108 1.1956	1.4458 1.1711	1.4219	1.4593	1.4130	Ave		1.4168				14.9		15.0			
Tetrachloroethene	+++++ 1.2928	1.4735 1.2034	1.4794	1.4991	1.4340	Ave		1.3971				8.6		15.0			
Chlorodibromomethane	1.0346 0.7438	0.8063 0.7465	0.7849	0.8249	0.8308	Ave		0.8246				12.0		15.0			
1,2-Dibromoethane	0.8117 0.5755	0.6606 0.5673	0.6520	0.6742	0.6598	Ave		0.6573				12.3		15.0			
1-Chlorohexane	+++++ 2.5015	3.0438 2.1126	3.0380	3.1061	2.9093	Ave		2.7852				14.2		15.0			
Chlorobenzene	+++++ 3.8395	4.5802 3.4666	4.5159	4.5994	4.3838	Ave		4.2309			0.3000	11.1		15.0			
1,1,1,2-Tetrachloroethane	1.5913 1.1795	1.2435 1.1869	1.2248	1.3015	1.2821	Ave		1.2871				11.0		15.0			
Ethylbenzene	+++++ 2.6048	2.9847 2.3876	2.9752	3.0624	2.9440	Ave		2.8264				9.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	4.7334 2.9980	3.5961 +++++	3.6173	3.6986	3.5086	Lin	-0.105	2.9828							0.9965		
Styrene	5.8212 4.2579	4.7058 3.7709	4.7393	4.9240	4.7852	Ave		4.7149				13.3		15.0			
o-Xylene	+++++ 2.9029	3.3595 2.6198	3.2975	3.3918	3.2628	Ave		3.1391				9.9		15.0			
Bromoform	0.3660 0.3112	0.2868 0.3174	0.2956	0.3238	0.3292	Ave		0.3186			0.1000	8.1		15.0			
Isopropylbenzene	+++++ 5.3989	6.8056 +++++	7.0399	6.9416	6.3699	Ave		6.5112				10.3		15.0			
Cyclohexanone	+++++ 0.0127	0.0145 0.0125	0.0140	0.0150	0.0140	Ave		0.0138				7.1		15.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4734	0.5766 0.4724	0.5828	0.5645	0.5391	Ave		0.5348			0.3000	9.4		15.0			
1,2,3-Trichloropropane	0.1677 0.1290	0.1610 0.1312	0.1541	0.1528	0.1493	Ave		0.1493				9.7		15.0			
N-Propylbenzene	+++++ 1.8255	2.0258 1.6415	2.1734	2.1266	1.9776	Ave		1.9617				10.1		15.0			
Bromobenzene	1.4927 1.0453	1.1277 1.0426	1.1997	1.1758	1.1111	Ave		1.1707				13.1		15.0			
1,3,5-Trimethylbenzene	7.5869 4.8359	5.8805 +++++	6.0579	5.9964	5.5649	Lin	-0.053	4.7998							0.9971		
2-Chlorotoluene	+++++ 1.3810	1.5903 1.3040	1.6143	1.5723	1.4855	Ave		1.4912				8.4		15.0			
4-Chlorotoluene	+++++ 1.3316	1.5202 1.2619	1.5631	1.5261	1.4366	Ave		1.4399				8.4		15.0			
tert-Butylbenzene	+++++ 4.9715	5.9525 4.1768	6.0748	5.9766	5.6143	Ave		5.4611				13.7		15.0			
1,2,4-Trimethylbenzene	+++++ 4.7148	5.6195 3.8551	5.8153	5.7235	5.3176	Ave		5.1743				14.7		15.0			
sec-Butylbenzene	+++++ 1.4471	1.6544 1.2780	1.6935	1.7027	1.5729	Ave		1.5581				10.7		15.0			
4-Isopropyltoluene	+++++ 5.3227	6.5609 +++++	6.7691	6.6516	6.1395	Lin	-0.071	5.2318							0.9973		
1,3-Dichlorobenzene	+++++ 2.1651	2.5065 2.0338	2.5507	2.5071	2.3684	Ave		2.3553				9.0		15.0			
1,4-Dichlorobenzene	+++++ 2.0592	2.3668 1.9744	2.4464	2.3863	2.2518	Ave		2.2475				8.5		15.0			
n-Butylbenzene	+++++ 5.2166	6.5927 +++++	6.8158	6.6842	6.1215	Lin	-0.080	5.1181							0.9965		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	+++++ 1.6866	1.9615 1.6030	2.0038	1.9383	1.8567	Ave		1.8417				8.8		15.0			
1,2-Dibromo-3-Chloropropane	0.0595 0.0639	0.0592 0.0636	0.0661	0.0672	0.0652	Ave		0.0635				4.9		15.0			
1,2,4-Trichlorobenzene	1.4228 1.0769	1.1987 0.9871	1.2318	1.2135	1.1277	Ave		1.1798				11.7		15.0			
Hexachlorobutadiene	+++++ 0.8171	0.8830 0.6579	0.9165	0.9171	0.8395	Ave		0.8385				11.6		15.0			
Naphthalene	1.8541 1.4145	1.4759 1.3195	1.5798	1.5812	1.5028	Ave		1.5326				11.0		15.0			
1,2,3-Trichlorobenzene	1.0696 0.8006	0.8535 0.7268	0.8920	0.8999	0.8488	Ave		0.8702				12.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-70411/2	ms5677.D
Level 2	IC 280-70411/3	ms5678.D
Level 3	IC 280-70411/4	ms5679.D
Level 4	IC 280-70411/5	ms5680.D
Level 5	IC 280-70411/6	ms5681.D
Level 6	IC 280-70411/7	ms5682.D
Level 7	IC 280-70411/15	ms5694.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Xylenes, Total	CBZ	Ave	+++++ 16481871	599779 27214669	1180239	2930039	5588846	+++++ 90.0	3.00 180	6.00	15.0	30.0
1,2-Dichloroethene, Total	FB	Ave	+++++ 6225271	238135 11921796	455899	1106271	2089807	+++++ 60.0	2.00 120	4.00	10.0	20.0
Dichlorodifluoromethane	FB	Ave	35647 2788035	89859 5203747	173821	510466	995899	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Chloromethane	FB	Ave	+++++ 3380432	123061 6446908	247137	647220	1206649	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Ethanol	FB	Lin2	+++++ 354666	17498 705162	31093	61233	127188	+++++ 1500	50.0 3000	100	250	500
Vinyl chloride	FB	Ave	+++++ 3273494	124134 6093570	242633	626645	1166098	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Bromomethane	FB	Ave	+++++ 2496635	90518 4711054	175997	455536	846566	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Chloroethane	FB	Ave	+++++ 2432176	95280 4606713	179705	449309	838365	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Trichlorofluoromethane	FB	Ave	+++++ 4283508	165267 8020214	330422	779965	1498838	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Acrolein	FB	Ave	22106 1489002	64537 3022602	119833	274489	525023	3.00 300	10.0 600	20.0	50.0	100
Acetone	FB	Lin	27728 750473	39434 1497325	66766	153042	269525	1.20 120	4.00 240	8.00	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 2691640	104867 5286275	196241	493633	919609	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Acetonitrile	FB	Ave	+++++ 773496	33025 1511269	61566	148671	281848	+++++ 300	10.0 600	20.0	50.0	100
Iodomethane	FB	Ave	+++++ 3502940	123801 6747987	246737	617458	1160471	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Tert-butyl alcohol (2-methyl-2-propanol)	FB	Ave	+++++ 1059416	40183 2167576	78605	191467	361787	+++++ 600	20.0 1200	40.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	+++++ 2430862	106510 4603709	195533	444387	830176	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Acrylonitrile	FB	Ave	+++++ 2585451	98933 5094838	198342	475190	910326	+++++ 300	10.0 600	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	+++++ 3140995	122499 5960944	232397	564315	1056900	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Isopropyl ether	FB	Ave	136983 9480841	356821 17606552	701001	1714576	3273158	1.50 150	5.00 300	10.0	25.0	50.0
1,1-Dichloroethane	FB	Ave	76599 5194371	194547 9836065	381863	941080	1778591	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Chloroprene	FB	Ave	+++++ 5366787	197613 9778697	400067	999449	1852266	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
2-Butanone (MEK)	FB	Ave	+++++ 1200546	47455 2438632	87671	222672	418497	+++++ 120	4.00 240	8.00	20.0	40.0
Propionitrile	FB	Ave	+++++ 948749	36753 1907702	71403	173947	331998	+++++ 300	10.0 600	20.0	50.0	100
cis-1,2-Dichloroethene	FB	Ave	45401 3084276	115636 5960852	223502	541956	1032907	0.300 30.0	1.00 60.0	2.00	5.00	10.0
2,2-Dichloropropane	FB	Ave	+++++ 4519567	161367 8496010	321359	813340	1519185	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Methacrylonitrile	FB	Ave	64246 4769587	177008 9317475	363636	892878	1715217	3.00 300	10.0 600	20.0	50.0	100
Chlorobromomethane	FB	Ave	12269 935476	32542 1891262	63805	161244	308053	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Chloroform	FB	Ave	66667 4539208	170520 8711754	328391	814817	1540135	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Isobutyl alcohol	FB	Ave	5910 393068	15491 812372	26472	68982	131432	6.00 600	20.0 1200	40.0	100	200
1,1,1-Trichloroethane	FB	Ave	67859 4662964	174113 8728491	335880	850655	1574306	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,1-Dichloropropene	FB	Ave	+++++ 4554917	174587 8239728	332970	825899	1553889	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Carbon tetrachloride	FB	Ave	+++++ 3776789	134569 7022321	261402	670780	1265644	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,2-Dichloroethane	FB	Ave	30369 2110078	79789 4160784	157264	379164	737116	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Benzene	FB	Ave	+++++ 11594817	444755 20124357	873863	2144082	4057820	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
n-Butanol	FB	Lin	34314 584903	42099 1186625	65143	110834	198447	9.00 900	30.0 1800	60.0	150	300
Trichloroethene	FB	Ave	+++++ 3103280	112202 5861612	215430	536642	1023911	+++++ 30.0	1.00 60.0	2.00	5.00	10.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloropropane	FB	Ave	36686 2507538	92645 4883830	178486	445686	863477	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,4-Dioxane	FB	Ave	+++++ 354711	13973 695348	27672	65688	124424	+++++ 1500	50.0 3000	100	250	500
Dibromomethane	FB	Ave	11535 828081	29942 1639206	59746	142554	284352	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Dichlorobromomethane	FB	Ave	38992 2725993	93616 5339999	188963	469057	910900	0.300 30.0	1.00 60.0	2.00	5.00	10.0
cis-1,3-Dichloropropene	CBZ	Ave	46069 3366613	119904 6491258	231998	580624	1133458	0.300 30.0	1.00 60.0	2.00	5.00	10.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	35992 2788824	102132 5529055	205874	510522	972165	1.20 120	4.00 240	8.00	20.0	40.0
Toluene	FB	Qua	189397 12028640	469169 18866672	921554	2254614	4251966	0.300 30.0	1.00 60.0	2.00	5.00	10.0
trans-1,3-Dichloropropene	FB	Ave	+++++ 2407952	80245 4719462	167332	410443	795132	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,1,2-Trichloroethane	FB	Ave	+++++ 1145433	49736 2275346	85334	206060	394411	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
2-Hexanone	FB	Ave	+++++ 1841495	65224 3666553	134881	326514	630128	+++++ 120	4.00 240	8.00	20.0	40.0
1,3-Dichloropropane	CBZ	Ave	31445 2214342	82184 4344817	159338	396317	768209	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Tetrachloroethene	CBZ	Ave	+++++ 2394468	83758 4464476	165787	407119	779623	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Chlorodibromomethane	CBZ	Ave	17967 1377687	45832 2769321	87955	224030	451694	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	14096 1065863	37552 2104639	73068	183101	358695	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1-Chlorohexane	CBZ	Ave	+++++ 4632965	173018 7837676	340442	843528	1581662	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 7111155	260345 12860851	506048	1249068	2383295	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	27633 2184627	70681 4403295	137250	353465	697010	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4824356	169656 8857559	333407	831666	1600552	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
m-Xylene & p-Xylene	CBZ	Lin	164395 11105286	408817 +++++	810720	2008901	3814971	0.600 60.0	2.00 +++++	4.00	10.0	20.0
Styrene	CBZ	Ave	101088 7886021	267487 13989499	531082	1337234	2601571	0.300 30.0	1.00 60.0	2.00	5.00	10.0
o-Xylene	CBZ	Ave	+++++ 5376585	190962 9719278	369519	921138	1773875	+++++ 30.0	1.00 60.0	2.00	5.00	10.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	6356 576450	16301 1177479	33126	87925	178975	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Isopropylbenzene	DCB	Ave	+++++ 12574548	489594 +++++	960210	2377712	4444586	+++++ 30.0	1.00 +++++	2.00	5.00	10.0
Cyclohexanone	CBZ	Ave	+++++ 944374	32976 1861585	62863	163331	305226	+++++ 1200	40.0 2400	80.0	200	400
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 1102585	41482 2170296	79485	193355	376147	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,2,3-Trichloropropane	DCB	Ave	3559 300484	11580 602632	21012	52332	104142	0.300 30.0	1.00 60.0	2.00	5.00	10.0
N-Propylbenzene	DCB	Ave	+++++ 4251716	145737 7540730	296450	728418	1379901	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
Bromobenzene	DCB	Ave	31674 2434545	81129 4789384	163629	402765	775306	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,3,5-Trimethylbenzene	DCB	Lin	160984 11263264	423041 +++++	826279	2053957	3882940	0.300 30.0	1.00 +++++	2.00	5.00	10.0
2-Chlorotoluene	DCB	Ave	+++++ 3216435	114406 5990191	220181	538551	1036535	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
4-Chlorotoluene	DCB	Ave	+++++ 3101535	109365 5796955	213201	522750	1002396	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
tert-Butylbenzene	DCB	Ave	+++++ 11579148	428221 19187205	828574	2047162	3917376	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 10981146	404269 17709417	793185	1960464	3710385	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
sec-Butylbenzene	DCB	Ave	+++++ 3370496	119016 5870750	230988	583243	1097493	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
4-Isopropyltoluene	DCB	Lin	+++++ 12397067	471993 +++++	923282	2278396	4283850	+++++ 30.0	1.00 +++++	2.00	5.00	10.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 5042723	180315 9342657	347911	858754	1652579	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 4796170	170265 9069784	333678	817375	1571230	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
n-Butylbenzene	DCB	Lin	+++++ 12149947	474281 +++++	929652	2289533	4271288	+++++ 30.0	1.00 +++++	2.00	5.00	10.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 3928257	141107 7363989	273312	663944	1295496	+++++ 30.0	1.00 60.0	2.00	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1262 148859	4256 292198	9019	23019	45476	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,2,4-Trichlorobenzene	DCB	Ave	30191 2508299	86236 4534699	168019	415662	786821	0.300 30.0	1.00 60.0	2.00	5.00	10.0
Hexachlorobutadiene	DCB	Ave	+++++ 1903029	63520 3022357	125008	314120	585779	+++++ 30.0	1.00 60.0	2.00	5.00	10.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 08:48 Calibration End Date: 06/03/2011 14:30 Calibration ID: 6104

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Naphthalene	DCB	Ave	39342 3294609	106177 6061352	215485	541600	1048595	0.300 30.0	1.00 60.0	2.00	5.00	10.0
1,2,3-Trichlorobenzene	DCB	Ave	22696 1864584	61401 3338797	121663	308244	592246	0.300 30.0	1.00 60.0	2.00	5.00	10.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 12:09 Calibration End Date: 06/03/2011 14:10 Calibration ID: 6105

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-70411/8	ms5687.D
Level 2	IC 280-70411/9	ms5688.D
Level 3	IC 280-70411/10	ms5689.D
Level 4	IC 280-70411/11	ms5690.D
Level 5	ICIS 280-70411/12	ms5691.D
Level 6	IC 280-70411/13	ms5692.D
Level 7	IC 280-70411/14	ms5693.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.2617 0.2284	0.2545 0.1918	0.2371	0.2816	0.2377	Ave		0.2418				11.8		15.0			
Ethylene oxide	0.0060 0.0045	0.0060 +++++	0.0056	0.0061	0.0053	Ave		0.0056				10.6		15.0			
Dichlorofluoromethane	0.6884 0.5796	0.6888 0.5305	0.6372	0.6751	0.5881	Ave		0.6268				9.9		15.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3898 0.3074	0.3773 0.2753	0.3466	0.3607	0.3070	Ave		0.3377				12.5		15.0			
2,2-Dichloro-1,1,1-trifluoroethane	0.5793 0.4558	0.5638 0.4089	0.5244	0.5377	0.4611	Ave		0.5044				12.5		15.0			
Ethyl ether	0.1550 0.1389	0.1555 0.1334	0.1469	0.1566	0.1406	Ave		0.1467				6.3		15.0			
Propene oxide	0.0214 0.0196	0.0214 0.0177	0.0212	0.0226	0.0202	Ave		0.0206				7.8					
2-Propanol	0.0063 0.0045	0.0054 0.0043	0.0052	0.0052	0.0046	Ave		0.0051				13.5		15.0			
1,1,2-Trichlorotrifluoroethane	0.2575 0.2050	0.2550 0.1730	0.2405	0.2469	0.2060	Ave		0.2263				14.1		15.0			
Methyl acetate	0.0765 0.0609	0.0654 0.0582	0.0649	0.0694	0.0610	Ave		0.0652				9.5		15.0			
Allyl chloride	0.5718 0.4952	0.5527 0.4542	0.5357	0.5625	0.5013	Ave		0.5248				8.1		15.0			
Carbon disulfide	1.6212 1.2150	1.5221 1.0597	1.3963	1.4616	1.2542	Ave		1.3614				14.3		15.0			
Methyl tert-butyl ether	0.4432 0.3921	0.4467 0.3746	0.4103	0.4489	0.3934	Ave		0.4156				7.3		15.0			
Hexane	3.5616 2.6328	3.4470 +++++	3.2032	3.2884	2.8037	Ave		3.1561				11.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 12:09 Calibration End Date: 06/03/2011 14:10 Calibration ID: 6105

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.2158 0.2002	0.2224 0.1983	0.2113	0.2290	0.2127	Ave		0.2128				5.2		15.0			
Tert-butyl ethyl ether	0.6671 0.5191	0.6569 +++++	0.6411	0.6694	0.5893	Ave		0.6238				9.5		15.0			
Ethyl acetate	0.1073 0.0895	0.1157 0.0862	0.1026	0.1011	0.0907	Ave		0.0990				10.8		15.0			
Tetrahydrofuran	0.0282 0.0228	0.0302 0.0223	0.0257	0.0273	0.0236	Ave		0.0257				11.5		15.0			
Cyclohexane	0.7707 0.5821	0.7466 +++++	0.7030	0.6992	0.6060	Ave		0.6846				11.0		15.0			
Tert-amyl methyl ether	0.5012 0.4110	0.4828 +++++	0.4739	0.5047	0.4471	Ave		0.4701				7.6		15.0			
2-Pentanone	0.0648 0.0585	0.0587 0.0556	0.0585	0.0640	0.0574	Ave		0.0596				5.8		15.0			
Methyl methacrylate	0.0252 0.0281	0.0272 0.0273	0.0263	0.0304	0.0272	Ave		0.0274				5.9		15.0			
Methylcyclohexane	0.6102 0.4508	0.5978 +++++	0.5611	0.5563	0.4718	Ave		0.5413				12.1		15.0			
2-Nitropropane	0.1231 0.1023	0.1069 0.1046	0.1226	0.0993	0.0962	Ave		0.1079				10.0		15.0			
2-Chloroethyl vinyl ether	0.2229 0.3074	0.2314 0.3160	0.2421	0.2804	0.2680	Ave		0.2669				13.7		15.0			
Ethyl methacrylate	0.8214 0.8134	0.7935 0.7925	0.7882	0.8864	0.8221	Ave		0.8168				4.1		15.0			
Tetrahydrothiophene	0.2062 0.2526	0.2307 0.2564	0.2262	0.2482	0.2380	Ave		0.2369				7.4		15.0			
cis-1,4-Dichloro-2-butene	0.1137 0.1036	0.1121 0.0990	0.1035	0.1097	0.0993	Ave		0.1058				5.6		15.0			
trans-1,4-Dichloro-2-butene	0.1189 0.1086	0.1169 0.1049	0.0990	0.1133	0.1002	Ave		0.1089				7.2		15.0			
1,2,3-Trimethylbenzene	4.8813 4.0199	4.6997 3.3979	4.6718	4.7285	4.1424	Ave		4.3631				12.2		15.0			
Dibromofluoromethane (Surr)	0.4188 0.2581	0.3753 0.2499	0.3231	0.3187	0.2646	Lin	-0.060	0.2480							0.9997		
1,2-Dichloroethane-d4 (Surr)	0.3376 0.2060	0.3053 0.1977	0.2565	0.2630	0.2190	Lin	-0.074	0.1961							0.9994		
Toluene-d8 (Surr)	11.741 6.0290	9.9675 5.1143	8.3728	8.0994	6.7270	Lin	-0.159	5.1319							0.9929		
4-Bromofluorobenzene (Surr)	2.8204 1.4410	2.2731 1.3034	1.9299	1.8095	1.5063	Lin	-0.106	1.2994							0.9978		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 12:09 Calibration End Date: 06/03/2011 14:10 Calibration ID: 6105

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-70411/8	ms5687.D
Level 2	IC 280-70411/9	ms5688.D
Level 3	IC 280-70411/10	ms5689.D
Level 4	IC 280-70411/11	ms5690.D
Level 5	ICIS 280-70411/12	ms5691.D
Level 6	IC 280-70411/13	ms5692.D
Level 7	IC 280-70411/14	ms5693.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2,2-tetrafluoroethane	FB	Ave	38834 1986514	71831 3434995	137094	396549	687664	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Ethylene oxide	FB	Ave	110614 4903607	211161 +++++	407733	1069334	1928256	62.5 3750	125 +++++	250	625	1250
Dichlorofluoromethane	FB	Ave	102159 5042019	194437 9501987	368456	950672	1701619	0.500 30.0	1.00 60.0	2.00	5.00	10.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	57835 2674426	106510 4931633	200444	507993	888338	0.500 30.0	1.00 60.0	2.00	5.00	10.0
2,2-Dichloro-1,1,1-trifluoroethane	FB	Ave	85955 3965192	159145 7324469	303199	757262	1334170	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Ethyl ether	FB	Ave	23006 1208692	43901 2389440	84956	220464	406682	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Propene oxide	FB	Ave	158669 8525130	302524 15851004	611921	1593140	2917730	25.0 1500	50.0 3000	100	250	500
2-Propanol	FB	Ave	18725 786764	30225 1546184	59932	147459	263506	10.0 600	20.0 1200	40.0	100	200
1,1,2-Trichlorotrifluoroethane	FB	Ave	38212 1783465	71971 3097964	139070	347730	596080	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Methyl acetate	FB	Ave	56774 2650053	92362 5208583	187677	488444	881778	2.50 150	5.00 300	10.0	25.0	50.0
Allyl chloride	FB	Ave	84845 4307790	156012 8135347	309781	792183	1450511	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Carbon disulfide	FB	Ave	240572 10569371	429670 18980461	807391	2058321	3628787	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Methyl tert-butyl ether	FB	Ave	65769 3411196	126093 6709747	237276	632226	1138226	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Hexane	CBZ	Ave	100200 4374879	185445 +++++	353715	879081	1519922	0.500 30.0	1.00 +++++	2.00	5.00	10.0
Vinyl acetate	FB	Ave	64033 3483432	125537 7105453	244323	644855	1231013	1.00 60.0	2.00 120	4.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-16751-1 Analy Batch No.: 70411

SDG No.:

Instrument ID: MSV_MS1 GC Column: DB-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/03/2011 12:09 Calibration End Date: 06/03/2011 14:10 Calibration ID: 6105

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	494955 22580784	927210 +++++	1853490	4713069	8525739	2.50 150	5.00 +++++	10.0	25.0	50.0
Ethyl acetate	FB	Ave	31855 1556552	65302 3089102	118649	284674	524812	1.00 60.0	2.00 120	4.00	10.0	20.0
Tetrahydrofuran	FB	Ave	8355 396785	17044 799937	29733	76841	136582	1.00 60.0	2.00 120	4.00	10.0	20.0
Cyclohexane	FB	Ave	114361 5063568	210767 +++++	406497	984589	1753435	0.500 30.0	1.00 +++++	2.00	5.00	10.0
Tert-amyl methyl ether	FB	Ave	371854 17875830	681498 +++++	1370185	3553875	6468767	2.50 150	5.00 +++++	10.0	25.0	50.0
2-Pentanone	FB	Ave	38471 2035376	66244 3984111	135205	360448	664298	2.00 120	4.00 240	8.00	20.0	40.0
Methyl methacrylate	FB	Ave	7487 489152	15332 979327	30390	85571	157522	1.00 60.0	2.00 120	4.00	10.0	20.0
Methylcyclohexane	FB	Ave	90548 3921949	168755 +++++	324434	783390	1365032	0.500 30.0	1.00 +++++	2.00	5.00	10.0
2-Nitropropane	CBZ	Ave	3464 169948	5749 348835	13538	26541	52132	0.500 30.0	1.00 60.0	2.00	5.00	10.0
2-Chloroethyl vinyl ether	CBZ	Ave	6271 510788	12449 1053527	26736	74959	145299	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Ethyl methacrylate	CBZ	Ave	46219 2703325	85378 5284009	174076	473910	891366	1.00 60.0	2.00 120	4.00	10.0	20.0
Tetrahydrothiophene	CBZ	Ave	5800 419798	12410 854722	24979	66353	129043	0.500 30.0	1.00 60.0	2.00	5.00	10.0
cis-1,4-Dichloro-2-butene	DCB	Ave	4028 211478	7671 420893	14427	37130	68483	0.500 30.0	1.00 60.0	2.00	5.00	10.0
trans-1,4-Dichloro-2-butene	DCB	Ave	4214 221715	8005 446011	13798	38366	69138	0.500 30.0	1.00 60.0	2.00	5.00	10.0
1,2,3-Trimethylbenzene	DCB	Ave	172999 8204215	321721 14440488	650981	1600771	2857280	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Dibromofluoromethane (Surr)	FB	Lin	62139 2245012	105952 4476123	186831	448756	765571	0.500 30.0	1.00 60.0	2.00	5.00	10.0
1,2-Dichloroethane-d4 (Surr)	FB	Lin	50100 1792190	86191 3541076	148340	370342	633765	0.500 30.0	1.00 60.0	2.00	5.00	10.0
Toluene-d8 (Surr)	CBZ	Lin	330301 10018457	536237 17049163	924567	2165220	3646792	0.500 30.0	1.00 60.0	2.00	5.00	10.0
4-Bromofluorobenzene (Surr)	DCB	Lin	99958 2940860	155602 5539224	268918	612567	1039008	0.500 30.0	1.00 60.0	2.00	5.00	10.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Lab Sample ID: CCV 280-72505/2 Calibration Date: 06/16/2011 18:28

Instrument ID: MSV_MS1 Calib Start Date: 06/03/2011 08:48

GC Column: DB-624 (60.25) ID: 0.25(mm) Calib End Date: 06/03/2011 14:30

Lab File ID: ms6338.D Conc. Units: mg/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethene, Total	Ave	0.3706	0.3471		0.0183	0.0200	-6.4	35.0
Xylenes, Total	Ave	3.244	2.964		0.0280	0.0300	-8.6	35.0
Dichlorodifluoromethane	Ave	0.3279	0.2227		0.00679	0.0100	-32.1	50.0
Chloromethane	Ave	0.4082	0.3647	0.1000	0.00893	0.0100	-10.7	35.0
Vinyl chloride	Ave	0.3976	0.3379		0.00850	0.0100	-15.0	20.0
Bromomethane	Ave	0.2937	0.2255		0.00768	0.0100	-23.2	35.0
Chloroethane	Ave	0.2941	0.2012		0.00684	0.0100	-31.6	35.0
Trichlorofluoromethane	Ave	0.5198	0.3785		0.00728	0.0100	-27.2	50.0
Ethanol	Lin2	0.0009	0.0008		0.487	0.500	-2.6	50.0
Acrolein	Ave	0.0196	0.0157		0.0798	0.100	-20.3	50.0
Acetone	Lin	0.0328	0.0223		0.0400	0.0400	-0.0	50.0
1,1-Dichloroethene	Ave	0.3252	0.2931		0.00901	0.0100	-9.9	20.0
Acetonitrile	Ave	0.0098	0.0089		0.0903	0.100	-9.7	50.0
Iodomethane	Ave	0.4074	0.4171		0.0102	0.0100	2.4	35.0
Tert-butyl alcohol (2-methyl-2-propanol)	Ave	0.0064	0.0062		0.194	0.200	-2.9	35.0
Methylene Chloride	Ave	0.3040	0.2899		0.00954	0.0100	-4.6	35.0
Acrylonitrile	Ave	0.0316	0.0289		0.0913	0.100	-8.7	50.0
trans-1,2-Dichloroethene	Ave	0.3764	0.3467		0.00921	0.0100	-7.9	35.0
Isopropyl ether	Ave	0.2367	0.2325		0.0491	0.0500	-1.8	35.0
1,1-Dichloroethane	Ave	0.6507	0.5897	0.1000	0.00906	0.0100	-9.4	35.0
Chloroprene	Ave	0.6405	0.5636		0.00880	0.0100	-12.0	35.0
2-Butanone (MEK)	Ave	0.0368	0.0327		0.0355	0.0400	-11.1	50.0
Propionitrile	Ave	0.0116	0.0106		0.0913	0.100	-8.7	50.0
cis-1,2-Dichloroethene	Ave	0.3836	0.3474		0.00906	0.0100	-9.4	35.0
2,2-Dichloropropane	Ave	0.5287	0.5201		0.00984	0.0100	-1.6	35.0
Methacrylonitrile	Ave	0.0600	0.0562		0.0936	0.100	-6.4	50.0
Chlorobromomethane	Ave	0.1119	0.1144		0.0102	0.0100	2.3	35.0
Chloroform	Ave	0.5666	0.5386		0.00951	0.0100	-4.9	20.0
Isobutyl alcohol	Ave	0.0025	0.0023		0.188	0.200	-6.1	50.0
1,1,1-Trichloroethane	Ave	0.5794	0.5229		0.00902	0.0100	-9.8	35.0
1,1-Dichloropropene	Ave	0.5413	0.5025		0.00928	0.0100	-7.2	35.0
Carbon tetrachloride	Ave	0.4376	0.4276		0.00977	0.0100	-2.3	35.0
1,2-Dichloroethane	Ave	0.2658	0.2639		0.00993	0.0100	-0.7	35.0
Benzene	Ave	1.389	1.340		0.00965	0.0100	-3.5	35.0
n-Butanol	Lin	0.0043	0.0022		0.272	0.300	-9.3	50.0
Trichloroethene	Ave	0.3589	0.3584		0.00999	0.0100	-0.1	35.0
1,2-Dichloropropane	Ave	0.3121	0.2795		0.00896	0.0100	-10.4	20.0
1,4-Dioxane	Ave	0.0009	0.0008		0.475	0.500	-5.1	50.0
Dibromomethane	Ave	0.1017	0.0982		0.00965	0.0100	-3.5	35.0
Dichlorobromomethane	Ave	0.3305	0.2986		0.00903	0.0100	-9.7	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Lab Sample ID: CCV 280-72505/2 Calibration Date: 06/16/2011 18:28

Instrument ID: MSV_MS1 Calib Start Date: 06/03/2011 08:48

GC Column: DB-624 (60.25) ID: 0.25(mm) Calib End Date: 06/03/2011 14:30

Lab File ID: ms6338.D Conc. Units: mg/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,3-Dichloropropene	Ave	2.089	1.671		0.00800	0.0100	-20.0	35.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4418	0.3185		0.0288	0.0400	-27.9	50.0
Toluene	Qua	1.528	1.405		0.00851	0.0100	-14.9	20.0
trans-1,3-Dichloropropene	Ave	0.2756	0.2643		0.00959	0.0100	-4.1	35.0
1,1,2-Trichloroethane	Ave	0.1418	0.1340		0.00945	0.0100	-5.5	35.0
2-Hexanone	Ave	0.0546	0.0445		0.0326	0.0400	-18.5	50.0
1,3-Dichloropropane	Ave	1.417	1.156		0.00816	0.0100	-18.4	35.0
Tetrachloroethene	Ave	1.397	1.249		0.00894	0.0100	-10.6	35.0
Chlorodibromomethane	Ave	0.8246	0.6804		0.00825	0.0100	-17.5	35.0
1,2-Dibromoethane	Ave	0.6573	0.5408		0.00823	0.0100	-17.7	35.0
1-Chlorohexane	Ave	2.785	2.287		0.00822	0.0100	-17.9	35.0
Chlorobenzene	Ave	4.231	3.891	0.3000	0.00920	0.0100	-8.0	35.0
1,1,1,2-Tetrachloroethane	Ave	1.287	1.170		0.00909	0.0100	-9.1	35.0
Ethylbenzene	Ave	2.826	2.465		0.00872	0.0100	-12.8	50.0
m-Xylene & p-Xylene	Lin	3.692	3.028		0.0190	0.0200	-5.0	35.0
o-Xylene	Ave	3.139	2.837		0.00904	0.0100	-9.6	35.0
Styrene	Ave	4.715	3.908		0.00829	0.0100	-17.1	35.0
Bromoform	Ave	0.3186	0.2714	0.1000	0.00852	0.0100	-14.8	35.0
Isopropylbenzene	Ave	6.511	5.109		0.00785	0.0100	-21.5	35.0
Cyclohexanone	Ave	0.0138	0.0102		0.296	0.400	-26.1	35.0
1,1,2,2-Tetrachloroethane	Ave	0.5348	0.4287	0.3000	0.00802	0.0100	-19.8	35.0
1,2,3-Trichloropropane	Ave	0.1493	0.1223		0.00819	0.0100	-18.1	35.0
N-Propylbenzene	Ave	1.962	1.682		0.00858	0.0100	-14.2	35.0
Bromobenzene	Ave	1.171	1.022		0.00873	0.0100	-12.7	35.0
1,3,5-Trimethylbenzene	Lin	5.987	4.554		0.00882	0.0100	-11.8	35.0
2-Chlorotoluene	Ave	1.491	1.340		0.00899	0.0100	-10.1	35.0
4-Chlorotoluene	Ave	1.440	1.298		0.00902	0.0100	-9.8	35.0
tert-Butylbenzene	Ave	5.461	4.681		0.00857	0.0100	-14.3	35.0
1,2,4-Trimethylbenzene	Ave	5.174	4.539		0.00877	0.0100	-12.3	35.0
sec-Butylbenzene	Ave	1.558	1.389		0.00891	0.0100	-10.9	35.0
4-Isopropyltoluene	Lin	6.289	5.267		0.00918	0.0100	-8.2	35.0
1,3-Dichlorobenzene	Ave	2.355	2.188		0.00929	0.0100	-7.1	35.0
1,4-Dichlorobenzene	Ave	2.247	2.091		0.00931	0.0100	-6.9	35.0
n-Butylbenzene	Lin	6.286	5.042		0.00885	0.0100	-11.5	35.0
1,2-Dichlorobenzene	Ave	1.842	1.697		0.00922	0.0100	-7.8	35.0
1,2-Dibromo-3-Chloropropane	Ave	0.0635	0.0456		0.00717	0.0100	-28.3	50.0
1,2,4-Trichlorobenzene	Ave	1.180	1.116		0.00946	0.0100	-5.4	35.0
Hexachlorobutadiene	Ave	0.8385	0.7883		0.00940	0.0100	-6.0	35.0
Naphthalene	Ave	1.533	1.308		0.00854	0.0100	-14.6	35.0
1,2,3-Trichlorobenzene	Ave	0.8702	0.8301		0.00954	0.0100	-4.6	35.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Lab Sample ID: CCV 280-72505/3 Calibration Date: 06/16/2011 18:48

Instrument ID: MSV_MS1 Calib Start Date: 06/03/2011 12:09

GC Column: DB-624 (60.25) ID: 0.25(mm) Calib End Date: 06/03/2011 14:10

Lab File ID: ms6339.D Conc. Units: mg/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloro-1,1,2,2-tetrafluoroethane	Ave	0.2418	0.2269		0.00938	0.0100	-6.2	35.0
Ethylene oxide	Ave	0.0056	0.0053		1.18	1.25	-5.3	50.0
Dichlorofluoromethane	Ave	0.6268	0.5575		0.00889	0.0100	-11.1	50.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3377	0.3107		0.00920	0.0100	-8.0	50.0
2,2-Dichloro-1,1,1-trifluoroethane	Ave	0.5044	0.4409		0.00874	0.0100	-12.6	50.0
Ethyl ether	Ave	0.1467	0.1287		0.00877	0.0100	-12.3	35.0
1,1,2-Trichlorotrifluoroethane	Ave	0.2263	0.2203		0.00974	0.0100	-2.6	50.0
2-Propanol	Ave	0.0051	0.0042		0.167	0.200	-16.3	50.0
Methyl acetate	Ave	0.0652	0.0571		0.0438	0.0500	-12.4	50.0
Allyl chloride	Ave	0.5248	0.4329		0.00825	0.0100	-17.5	35.0
Carbon disulfide	Ave	1.361	1.102		0.00810	0.0100	-19.0	50.0
Methyl tert-butyl ether	Ave	0.4156	0.3752		0.00903	0.0100	-9.7	35.0
Hexane	Ave	3.156	2.213		0.00701	0.0100	-29.9	35.0
Vinyl acetate	Ave	0.2128	0.2070		0.0195	0.0200	-2.7	35.0
Tert-butyl ethyl ether	Ave	0.6238	0.5757		0.0461	0.0500	-7.7	35.0
Ethyl acetate	Ave	0.0990	0.0885		0.0179	0.0200	-10.6	50.0
Tetrahydrofuran	Ave	0.0257	0.0209		0.0162	0.0200	-18.9	50.0
Cyclohexane	Ave	0.6846	0.5404		0.00789	0.0100	-21.1	35.0
Tert-amyl methyl ether	Ave	0.4701	0.4488		0.0477	0.0500	-4.5	35.0
2-Pentanone	Ave	0.0596	0.0510		0.0342	0.0400	-14.5	50.0
Methyl methacrylate	Ave	0.0274	0.0241		0.0176	0.0200	-12.0	35.0
Methylcyclohexane	Ave	0.5413	0.4349		0.00803	0.0100	-19.7	35.0
2-Chloroethyl vinyl ether	Ave	0.2669	0.1993		0.00747	0.0100	-25.3	50.0
2-Nitropropane	Ave	0.1079	0.0945		0.00876	0.0100	-12.4	50.0
Ethyl methacrylate	Ave	0.8168	0.6237		0.0153	0.0200	-23.6	35.0
cis-1,4-Dichloro-2-butene	Ave	0.1058	0.0772		0.00729	0.0100	-27.1	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1089	0.0811		0.00745	0.0100	-25.5	35.0
1,2,3-Trimethylbenzene	Ave	4.363	3.574		0.00819	0.0100	-18.1	35.0
Dibromofluoromethane (Surr)	Lin	0.3155	0.2829		0.0107	0.0100	6.6	35.0
1,2-Dichloroethane-d4 (Surr)	Lin	0.2550	0.2267		0.0106	0.0100	6.4	35.0
Toluene-d8 (Surr)	Lin	8.007	6.474		0.0106	0.0100	6.3	35.0
4-Bromofluorobenzene (Surr)	Lin	1.869	1.301		0.00868	0.0100	-13.2	35.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 280-71261/1-A

Matrix: Solid (TCLP) | Lab File ID: ms6348.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2(mL) | Date Analyzed: 06/16/2011 22:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		0.010	0.0016
78-93-3	2-Butanone (MEK)	ND		0.10	0.018
56-23-5	Carbon tetrachloride	ND		0.010	0.0019
108-90-7	Chlorobenzene	ND		0.010	0.0017
67-66-3	Chloroform	ND		0.010	0.0016
107-06-2	1,2-Dichloroethane	ND		0.010	0.0013
75-35-4	1,1-Dichloroethene	ND		0.010	0.0014
127-18-4	Tetrachloroethene	ND		0.010	0.0020
79-01-6	Trichloroethene	ND		0.010	0.0016
75-01-4	Vinyl chloride	ND		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		64-129
2037-26-5	Toluene-d8 (Surr)	108		78-120
460-00-4	4-Bromofluorobenzene (Surr)	90		78-121
1868-53-7	Dibromofluoromethane (Surr)	105		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-71261/2-A

Matrix: Solid (TCLP) | Lab File ID: ms6347.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2(mL) | Date Analyzed: 06/16/2011 22:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0493		0.010	0.0016
78-93-3	2-Butanone (MEK)	0.187		0.10	0.018
56-23-5	Carbon tetrachloride	0.0475		0.010	0.0019
108-90-7	Chlorobenzene	0.0493		0.010	0.0017
67-66-3	Chloroform	0.0484		0.010	0.0016
107-06-2	1,2-Dichloroethane	0.0511		0.010	0.0013
75-35-4	1,1-Dichloroethene	0.0491		0.010	0.0014
127-18-4	Tetrachloroethene	0.0475		0.010	0.0020
79-01-6	Trichloroethene	0.0508		0.010	0.0016
75-01-4	Vinyl chloride	0.0600		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		64-129
2037-26-5	Toluene-d8 (Surr)	115		78-120
460-00-4	4-Bromofluorobenzene (Surr)	96		78-121
1868-53-7	Dibromofluoromethane (Surr)	113		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1A MS | Lab Sample ID: 280-16751-1 MS

Matrix: Solid (TCLP) | Lab File ID: ms6350.D

Analysis Method: 8260B | Date Collected: 06/06/2011 11:45

Sample wt/vol: 2(mL) | Date Analyzed: 06/16/2011 23:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0519		0.010	0.0016
78-93-3	2-Butanone (MEK)	0.187		0.10	0.018
56-23-5	Carbon tetrachloride	0.0538		0.010	0.0019
108-90-7	Chlorobenzene	0.0506		0.010	0.0017
67-66-3	Chloroform	0.0499		0.010	0.0016
107-06-2	1,2-Dichloroethane	0.0529		0.010	0.0013
75-35-4	1,1-Dichloroethene	0.0538		0.010	0.0014
127-18-4	Tetrachloroethene	0.0525		0.010	0.0020
79-01-6	Trichloroethene	0.0556		0.010	0.0016
75-01-4	Vinyl chloride	0.0596		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		64-129
2037-26-5	Toluene-d8 (Surr)	111		78-120
460-00-4	4-Bromofluorobenzene (Surr)	93		78-121
1868-53-7	Dibromofluoromethane (Surr)	111		79-119

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-16751-1

SDG No.:

Client Sample ID: SP-E14A-1A MSD | Lab Sample ID: 280-16751-1 MSD

Matrix: Solid (TCLP) | Lab File ID: ms6351.D

Analysis Method: 8260B | Date Collected: 06/06/2011 11:45

Sample wt/vol: 2(mL) | Date Analyzed: 06/16/2011 23:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 (60.25) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 72505 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0538		0.010	0.0016
78-93-3	2-Butanone (MEK)	0.192		0.10	0.018
56-23-5	Carbon tetrachloride	0.0557		0.010	0.0019
108-90-7	Chlorobenzene	0.0523		0.010	0.0017
67-66-3	Chloroform	0.0520		0.010	0.0016
107-06-2	1,2-Dichloroethane	0.0539		0.010	0.0013
75-35-4	1,1-Dichloroethene	0.0557		0.010	0.0014
127-18-4	Tetrachloroethene	0.0536		0.010	0.0020
79-01-6	Trichloroethene	0.0582		0.010	0.0016
75-01-4	Vinyl chloride	0.0617		0.010	0.0040

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		64-129
2037-26-5	Toluene-d8 (Surr)	112		78-120
460-00-4	4-Bromofluorobenzene (Surr)	96		78-121
1868-53-7	Dibromofluoromethane (Surr)	113		79-119

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Instrument ID: MSV_MS1 Start Date: 06/03/2011 08:39

Analysis Batch Number: 70411 End Date: 06/03/2011 15:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-70411/1		06/03/2011 08:39	1	ms5676.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/2		06/03/2011 08:48	1	ms5677.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/3		06/03/2011 09:08	1	ms5678.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/4		06/03/2011 09:28	1	ms5679.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/5		06/03/2011 09:48	1	ms5680.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/6		06/03/2011 10:08	1	ms5681.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/7		06/03/2011 10:28	1	ms5682.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/8		06/03/2011 12:09	1	ms5687.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/9		06/03/2011 12:29	1	ms5688.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/10		06/03/2011 12:49	1	ms5689.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/11		06/03/2011 13:09	1	ms5690.D	DB-624 (60.25) 0.25(mm)
ICIS 280-70411/12		06/03/2011 13:30	1	ms5691.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/13		06/03/2011 13:50	1	ms5692.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/14		06/03/2011 14:10	1	ms5693.D	DB-624 (60.25) 0.25(mm)
IC 280-70411/15		06/03/2011 14:30	1	ms5694.D	DB-624 (60.25) 0.25(mm)
ICV 280-70411/16		06/03/2011 14:50	1		DB-624 (60.25) 0.25(mm)
ICV 280-70411/17		06/03/2011 15:11	1		DB-624 (60.25) 0.25(mm)
ICV 280-70411/18		06/03/2011 15:31	1		DB-624 (60.25) 0.25(mm)
ICV 280-70411/19		06/03/2011 15:51	1		DB-624 (60.25) 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Instrument ID: MSV_MS1 Start Date: 06/16/2011 18:00

Analysis Batch Number: 72505 End Date: 06/17/2011 02:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 280-72505/1		06/16/2011 18:00	1	ms6337.D	DB-624 (60.25) 0.25(mm)
CCV 280-72505/2		06/16/2011 18:28	1	ms6338.D	DB-624 (60.25) 0.25(mm)
CCV 280-72505/3		06/16/2011 18:48	1	ms6339.D	DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 20:05	1		DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 20:25	1		DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 20:46	1		DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 21:18	1		DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 21:38	1		DB-624 (60.25) 0.25(mm)
ZZZZZ		06/16/2011 21:59	1		DB-624 (60.25) 0.25(mm)
LCS 280-71261/2-A		06/16/2011 22:19	1	ms6347.D	DB-624 (60.25) 0.25(mm)
LB 280-71261/1-A		06/16/2011 22:39	1	ms6348.D	DB-624 (60.25) 0.25(mm)
280-16751-1	SP-E14A-1A	06/16/2011 22:59	1	ms6349.D	DB-624 (60.25) 0.25(mm)
280-16751-1 MS	SP-E14A-1A MS	06/16/2011 23:19	1	ms6350.D	DB-624 (60.25) 0.25(mm)
280-16751-1 MSD	SP-E14A-1A MSD	06/16/2011 23:39	1	ms6351.D	DB-624 (60.25) 0.25(mm)
280-16751-2	SP-E14A-1C	06/17/2011 00:00	1	ms6352.D	DB-624 (60.25) 0.25(mm)
280-16751-3	SP-E14A-1B	06/17/2011 00:20	1	ms6353.D	DB-624 (60.25) 0.25(mm)
280-16751-4	SP-E14A-1D	06/17/2011 00:40	1	ms6354.D	DB-624 (60.25) 0.25(mm)
280-16751-5	SP-E14A-2A	06/17/2011 01:00	1	ms6355.D	DB-624 (60.25) 0.25(mm)
280-16751-6	SP-E14A-2B	06/17/2011 01:20	1	ms6356.D	DB-624 (60.25) 0.25(mm)
280-16751-7	SP-E14A-2C	06/17/2011 01:40	1	ms6357.D	DB-624 (60.25) 0.25(mm)
280-16751-8	SP-E14A-2D	06/17/2011 02:00	1	ms6358.D	DB-624 (60.25) 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-16751-1

SDG No.:

Batch Number: 71261 Batch Start Date: 06/09/11 19:13 Batch Analyst: Bourgery, David F

Batch Method: 1311 Batch End Date: 06/10/11 11:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	ExtractFluid					
LB 280-71261/1		1311, 8260B		T1					
LCS 280-71261/2		1311, 8260B		T1					
280-16751-A-1	SP-E14A-1A	1311, 8260B	P	T1					
280-16751-A-2	SP-E14A-1C	1311, 8260B	P	T1					
280-16751-A-3	SP-E14A-1B	1311, 8260B	P	T1					
280-16751-A-4	SP-E14A-1D	1311, 8260B	P	T1					
280-16751-A-5	SP-E14A-2A	1311, 8260B	P	T1					
280-16751-A-6	SP-E14A-2B	1311, 8260B	P	T1					
280-16751-A-7	SP-E14A-2C	1311, 8260B	P	T1					
280-16751-A-8	SP-E14A-2D	1311, 8260B	P	T1					

Batch Notes	
First End time	06/10/11 11:13
First Start time	06/09/11 19:13

Basis	Basis Description
P	TCLP

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: ENVIRON International Corp.

Job Number: 280-16751-1

Login Number: 16751

List Source: TestAmerica Denver

List Number: 1

Creator: Cofoid, Stephen T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

REVISED

NERT

Lot #: F1G010430

ENVIRON International Corp.

ENVIRON International Corp.
6001 Shellmound St. Suite 700
Emeryville, CA 94608

TESTAMERICA LABORATORIES, INC.

Kay Clay
Project Manager

July 13, 2011

13715 Rider Trail North Earth City, MO 63045 **tel** 314.298.8566 **fax** 314.298.8757 **www.testamericainc.com**

Case Narrative
LOT NUMBER: F1G010430
Revised 07-13-11

This report contains the analytical results for the eight samples received under chain of custody by TestAmerica St. Louis on July 1, 2011. These samples are associated with your NERT project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted below.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by TestAmerica St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. **TestAmerica St. Louis' Florida certification number is E87689.** The case narrative is an integral part of this report.

This report shall not be reproduced, except in full, without the written approval of the laboratory.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Report revised to report the PCB results at a lesser dilution for samples F1G010430-005, -006, -007 and –008.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

PCBs Method: 8082

Batch 1186122
The samples were analyzed at a dilution due to the presence of matrix interferences, based on screening information from the alaysis of the samples at a lower dilution. The reporting limit has been adjusted for the dilution. When performing a sample dilution due to matrix interference, the surrogates were diluted below reliable detection, making QC recoveries unreliable.

The MS/MSD was not analyzed due to significant matrix interferences observed in the associated sample, requirng a large dilution. Performing a sample dilution would cause the surrogates and/or matrix spike compounds to be diluted below reliable detection, making QC recoveries unreliable.

Affected Samples:

F1G010430 (1): SP-E14A-1E
F1G010430 (2): SP-E14A-1F
F1G010430 (3): SP-E14A-1G
F1G010430 (4): SP-E14A-1H
F1G010430 (5): SP-E14A-2E
F1G010430 (6): SP-E14A-2F
F1G010430 (7): SP-E14A-2G
F1G010430 (8): SP-E14A-2H

Metals Method: 6010B

Batch 1186031
The samples were analyzed at a dilution due to high concentrations of interfering elements. The reporting limit has been adjusted for the dilution.

The sulfur MS recovery is outside the established QC limits. The RPD is within method acceptance criteria indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recovery. No further action is required.

Affected Samples:

F1G010430 (1): SP-E14A-1E
F1G010430 (2): SP-E14A-1F
F1G010430 (3): SP-E14A-1G
F1G010430 (4): SP-E14A-1H
F1G010430 (5): SP-E14A-2E
F1G010430 (6): SP-E14A-2F
F1G010430 (7): SP-E14A-2G
F1G010430 (8): SP-E14A-2H

Reactive Sulfide Method: 7.3.4

Batch 1186050
The recovery for the LCS is outside the established QC limits. Since the test is semi-qualitative no further action is required.

Affected Samples:

F1G010430 (1): SP-E14A-1E
F1G010430 (2): SP-E14A-1F
F1G010430 (3): SP-E14A-1G
F1G010430 (4): SP-E14A-1H
F1G010430 (5): SP-E14A-2E
F1G010430 (6): SP-E14A-2F
F1G010430 (7): SP-E14A-2G
F1G010430 (8): SP-E14A-2H

Reactive Cyanide Method: 7.3.3

Batch 1187054
The MS recovery is outside the established QC limits. Since this test is semi-qualitative no further action is required.

In addition, the LCS required a dilution to be performed to bring it within the calibration range.

Affected Samples:

F1G010430 (1): SP-E14A-1E
F1G010430 (2): SP-E14A-1F
F1G010430 (3): SP-E14A-1G
F1G010430 (4): SP-E14A-1H
F1G010430 (5): SP-E14A-2E
F1G010430 (6): SP-E14A-2F
F1G010430 (7): SP-E14A-2G
F1G010430 (8): SP-E14A-2H

METHODS SUMMARY

F1G010430

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3550B/366
Reactive Cyanide	SW846 7.3.3	SW846 7.3.3
Reactive Sulfide	SW846 7.3.4	SW846 7.3.4
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F1G010430

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MKL2P	001	SP-E14A-1E	06/30/11	09:15
MKL2Q	002	SP-E14A-1F	06/30/11	09:30
MKL2T	003	SP-E14A-1G	06/30/11	09:50
MKL2V	004	SP-E14A-1H	06/30/11	10:05
MKL2W	005	SP-E14A-2E	06/30/11	10:25
MKL2X	006	SP-E14A-2F	06/30/11	10:35
MKL20	007	SP-E14A-2G	06/30/11	10:45
MKL21	008	SP-E14A-2H	06/30/11	10:55

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1E

GC Semivolatiles

Lot-Sample #...:	F1G010430-001	**Work Order #...:**	MKL2P1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 09:15	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/08/11		
Prep Batch #...:	1186122	**Analysis Time..:**	08:27		
Dilution Factor:	10				
% Moisture.....:	7.8	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	360	ug/kg
Aroclor 1221	ND	360	ug/kg
Aroclor 1232	ND	360	ug/kg
Aroclor 1242	ND	360	ug/kg
Aroclor 1248	ND	360	ug/kg
Aroclor 1254	ND	360	ug/kg
Aroclor 1260	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1E

TOTAL Metals

Lot-Sample #...: F1G010430-001 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:15 **Date Received..:** 07/01/11
% Moisture.....: 7.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	**1610 B**	**2710**	**mg/kg**	**SW846 6010B**	**07/05-07/06/11**	**MKL2P1AG**
		Dilution Factor: 5		Analysis Time..: 11:52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1E

General Chemistry

Lot-Sample #...: F1G010430-001 **Work Order #...:** MKL2P **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:15 **Date Received..:** 07/01/11
% Moisture.....: 7.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**7.8**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.27	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 17:44		
Reactive Sulfide	**86.8**	**24.1**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1F

GC Semivolatiles

Lot-Sample #...:	F1G010430-002	**Work Order #...:**	MKL2Q1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 09:30	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/08/11		
Prep Batch #...:	1186122	**Analysis Time..:**	08:46		
Dilution Factor:	10				
% Moisture.....:	6.7	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	350	ug/kg
Aroclor 1221	ND	350	ug/kg
Aroclor 1232	ND	350	ug/kg
Aroclor 1242	ND	350	ug/kg
Aroclor 1248	ND	350	ug/kg
Aroclor 1254	ND	350	ug/kg
Aroclor 1260	ND	350	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1F

TOTAL Metals

Lot-Sample #...: F1G010430-002 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:30 **Date Received..:** 07/01/11
% Moisture.....: 6.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	ND	10700	mg/kg	SW846 6010B	07/05-07/06/11	MKL2Q1AG
		Dilution Factor: 20		Analysis Time..: 13:47		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1F

General Chemistry

Lot-Sample #...: F1G010430-002 **Work Order #...:** MKL2Q **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:30 **Date Received..:** 07/01/11
% Moisture.....: 6.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**6.7**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.27	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:01		
Reactive Sulfide	**107**	**23.8**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1G

GC Semivolatiles

Lot-Sample #...:	F1G010430-003	**Work Order #...:**	MKL2T1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 09:50	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/08/11		
Prep Batch #...:	1186122	**Analysis Time..:**	09:05		
Dilution Factor:	10				
% Moisture.....:	7.2	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	360	ug/kg
Aroclor 1221	ND	360	ug/kg
Aroclor 1232	ND	360	ug/kg
Aroclor 1242	ND	360	ug/kg
Aroclor 1248	ND	360	ug/kg
Aroclor 1254	ND	360	ug/kg
Aroclor 1260	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1G

TOTAL Metals

Lot-Sample #...: F1G010430-003 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:50 **Date Received..:** 07/01/11
% Moisture.....: 7.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	**2820 B**	**10800**	**mg/kg**	**SW846 6010B**	**07/05-07/06/11**	**MKL2T1AG**
		Dilution Factor: 20		Analysis Time..: 13:53		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1G

General Chemistry

Lot-Sample #...: F1G010430-003 **Work Order #...:** MKL2T **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:50 **Date Received..:** 07/01/11
% Moisture.....: 7.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**7.2**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.27	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:05		
Reactive Sulfide	**108**	**23.9**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1H

GC Semivolatiles

Lot-Sample #...:	F1G010430-004	**Work Order #...:**	MKL2V1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 10:05	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/08/11		
Prep Batch #...:	1186122	**Analysis Time..:**	09:24		
Dilution Factor:	10				
% Moisture.....:	7.9	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	360	ug/kg
Aroclor 1221	ND	360	ug/kg
Aroclor 1232	ND	360	ug/kg
Aroclor 1242	ND	360	ug/kg
Aroclor 1248	ND	360	ug/kg
Aroclor 1254	ND	360	ug/kg
Aroclor 1260	ND	360	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1H

TOTAL Metals

Lot-Sample #...: F1G010430-004 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:05 **Date Received..:** 07/01/11
% Moisture.....: 7.9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	ND	10900	mg/kg	SW846 6010B	07/05-07/06/11	MKL2V1AG
		Dilution Factor: 20		Analysis Time..: 13:59		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-1H

General Chemistry

Lot-Sample #...: F1G010430-004 **Work Order #...:** MKL2V **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:05 **Date Received..:** 07/01/11
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**7.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.27	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:08		
Reactive Sulfide	**86.9**	**24.1**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2E

GC Semivolatiles

Lot-Sample #...:	F1G010430-005	**Work Order #...:**	MKL2W1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 10:25	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/13/11		
Prep Batch #...:	1186122	**Analysis Time..:**	12:35		
Dilution Factor:	1000				
% Moisture.....:	13	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38000	ug/kg
Aroclor 1221	ND	38000	ug/kg
Aroclor 1232	ND	38000	ug/kg
Aroclor 1242	ND	38000	ug/kg
Aroclor 1248	ND	38000	ug/kg
Aroclor 1254	ND	38000	ug/kg
Aroclor 1260	ND	38000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2E

TOTAL Metals

Lot-Sample #...: F1G010430-005 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:25 **Date Received..:** 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	**1670 B**	**11500**	**mg/kg**	**SW846 6010B**	**07/05-07/06/11**	**MKL2W1AG**
		Dilution Factor: 20		Analysis Time..: 14:05		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2E

General Chemistry

Lot-Sample #...: F1G010430-005 **Work Order #...:** MKL2W **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:25 **Date Received..:** 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13.3**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.29	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:11		
Reactive Sulfide	**138**	**25.6**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2F

GC Semivolatiles

Lot-Sample #...:	F1G010430-006	**Work Order #...:**	MKL2X1AF	**Matrix.....:**	SOLID
Date Sampled...:	06/30/11 10:35	**Date Received..:**	07/01/11		
Prep Date.....:	07/05/11	**Analysis Date..:**	07/13/11		
Prep Batch #...:	1186122	**Analysis Time..:**	12:54		
Dilution Factor:	1000				
% Moisture.....:	13	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38000	ug/kg
Aroclor 1221	ND	38000	ug/kg
Aroclor 1232	ND	38000	ug/kg
Aroclor 1242	ND	38000	ug/kg
Aroclor 1248	ND	38000	ug/kg
Aroclor 1254	ND	38000	ug/kg
Aroclor 1260	ND	38000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2F

TOTAL Metals

Lot-Sample #...: F1G010430-006 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:35 **Date Received..:** 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	**5840 B**	**11500**	**mg/kg**	**SW846 6010B**	**07/05-07/06/11**	**MKL2X1AG**
		Dilution Factor: 20		Analysis Time..: 14:24		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2F

General Chemistry

Lot-Sample #...: F1G010430-006 **Work Order #...:** MKL2X **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:35 **Date Received..:** 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13.4**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.29	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:15		
Reactive Sulfide	**92.4**	**25.6**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2G

GC Semivolatiles

Lot-Sample #...: F1G010430-007 **Work Order #...:** MKL201AF **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:45 **Date Received..:** 07/01/11
Prep Date.....: 07/05/11 **Analysis Date..:** 07/13/11
Prep Batch #...: 1186122 **Analysis Time..:** 13:13
Dilution Factor: 1000
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38000	ug/kg
Aroclor 1221	ND	38000	ug/kg
Aroclor 1232	ND	38000	ug/kg
Aroclor 1242	ND	38000	ug/kg
Aroclor 1248	ND	38000	ug/kg
Aroclor 1254	ND	38000	ug/kg
Aroclor 1260	ND	38000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2G

TOTAL Metals

Lot-Sample #...: F1G010430-007 Matrix.....: SOLID
Date Sampled...: 06/30/11 10:45 Date Received..: 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	3410 B	11500	mg/kg	SW846 6010B	07/05-07/06/11	MKL201AG
		Dilution Factor: 20		Analysis Time..: 14:30		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2G

General Chemistry

Lot-Sample #...: F1G010430-007 **Work Order #...:** MKL20 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:45 **Date Received..:** 07/01/11
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**12.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.29	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:18		
Reactive Sulfide	**91.9**	**25.5**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2H

GC Semivolatiles

Lot-Sample #...: F1G010430-008 **Work Order #...:** MKL211AF **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:55 **Date Received..:** 07/01/11
Prep Date.....: 07/05/11 **Analysis Date..:** 07/13/11
Prep Batch #...: 1186122 **Analysis Time..:** 13:33
Dilution Factor: 1000
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39000	ug/kg
Aroclor 1221	ND	39000	ug/kg
Aroclor 1232	ND	39000	ug/kg
Aroclor 1242	ND	39000	ug/kg
Aroclor 1248	ND	39000	ug/kg
Aroclor 1254	ND	39000	ug/kg
Aroclor 1260	ND	39000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	DIL	(54 - 150)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2H

TOTAL Metals

Lot-Sample #...: F1G010430-008 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:55 **Date Received..:** 07/01/11
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1186031						
Sulfur	**3960 B**	**11800**	**mg/kg**	**SW846 6010B**	**07/05-07/06/11**	**MKL211AG**
		Dilution Factor: 20		Analysis Time..: 14:36		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

ENVIRON International Corp.

Client Sample ID: SP-E14A-2H

General Chemistry

Lot-Sample #...: F1G010430-008 **Work Order #...:** MKL21 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 10:55 **Date Received..:** 07/01/11
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**15.4**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/06-07/07/11**	**1187016**
		Dilution Factor: 1		Analysis Time..: 00:00		
Reactive Cyanide	ND	0.30	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:22		
Reactive Sulfide	**94.5**	**26.2**	**mg/kg**	**SW846 7.3.4**	**07/06-07/07/11**	**1186050**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: F1G010430 **Work Order #...:** MKM751AA **Matrix.....:** SOLID
MB Lot-Sample #: F1G050000-122

Prep Date.....: 07/05/11 **Analysis Time..:** 07:49
Analysis Date..: 07/08/11 **Prep Batch #...:** 1186122
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(54 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: F1G010430 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F1G050000-031 **Prep Batch #...:** 1186031						
Sulfur	ND	500	mg/kg	SW846 6010B	07/05-07/06/11	MKMT61AA
		Dilution Factor: 1				
		Analysis Time..: 11:25				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: F1G010430 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Reactive Cyanide		Work Order #: MKP8Q1AA		MB Lot-Sample #:	F1G060000-054	
	ND	0.25	mg/kg	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1				
		Analysis Time..: 17:37				
Reactive Sulfide		Work Order #: MKP9R1AA		MB Lot-Sample #:	F1G050000-050	
	ND	22.2	mg/kg	SW846 7.3.4	07/06-07/07/11	1186050
		Dilution Factor: 1				
		Analysis Time..: 00:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: F1G010430 **Work Order #...:** MKM751AC **Matrix.....:** SOLID
LCS Lot-Sample#: F1G050000-122
Prep Date.....: 07/05/11 **Analysis Date..:** 07/08/11
Prep Batch #...: 1186122 **Analysis Time..:** 08:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**109**	**(76 - 131)**	**SW846 8082**
Aroclor 1260	**107**	**(74 - 139)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	110	(74 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F1G010430 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F1G050000-031 **Prep Batch #...:** 1186031					
Sulfur	105	(80 - 120)	SW846 6010B	07/05-07/06/11	MKMT61AC
		Dilution Factor: 1		Analysis Time..: 11:32	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: F1G010430 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Reactive Cyanide		Work Order #: MKP8Q1AC	LCS Lot-Sample#: F1G060000-054		
	52	(10 - 75)	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 4	Analysis Time..: 17:41		
Reactive Sulfide		Work Order #: MKP9R1AC	LCS Lot-Sample#: F1G050000-050		
	150 N	(10 - 128)	SW846 7.3.4	07/06-07/07/11	1186050
		Dilution Factor: 1	Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F1G010430 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:15 **Date Received..:** 07/01/11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F1G010430-001 **Prep Batch #...:** 1186031						**% Moisture.....:** 7.8	
Sulfur	160 N	(75 - 125)			SW846 6010B	07/05-07/06/11	MKL2P1AJ
	107	(75 - 125)	19	(0-30)	SW846 6010B	07/05-07/06/11	MKL2P1AK
		Dilution Factor: 5					
		Analysis Time..: 12:04					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: F1G010430 **Matrix.....:** SOLID
Date Sampled...: 06/30/11 09:15 **Date Received..:** 07/01/11

Percnt Moisture: 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Reactive Cyanide		Work Order #...: MKL2P1AP		MS Lot-Sample #: F1G010430-001	
	4.2 N	(10 - 45)	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 17:44	
Reactive Cyanide		Work Order #...: MKL3A1AJ		MS Lot-Sample #: F1G010432-008	
	41	(10 - 45)	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1		Analysis Time..: 18:56	
Reactive Sulfide		Work Order #...: MKL2P1AR		MS Lot-Sample #: F1G010430-001	
	30	(10 - 121)	SW846 7.3.4	07/06-07/07/11	1186050
		Dilution Factor: 1		Analysis Time..: 00:00	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F1G010430 **Work Order #...:** MKL2P-SMP MKL2P-DUP **Matrix.....:** SOLID

Date Sampled...: 06/30/11 09:15 **Date Received..:** 07/01/11

% Moisture.....: 7.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	F1G010430-001	
	7.8	8.4	%	6.5	(0-30)	MCAWW 160.3 MOD	07/06-07/07/11	1187016
		Dilution Factor: 1				Analysis Time..: 00:00		
Reactive Cyanide						SD Lot-Sample #:	F1G010430-001	
	ND	ND	mg/kg	0	(0-30)	SW846 7.3.3	07/06-07/07/11	1187054
		Dilution Factor: 1				Analysis Time..: 17:44		
Reactive Sulfide						SD Lot-Sample #:	F1G010430-001	
	86.8	86.8	mg/kg	0.0	(0-20)	SW846 7.3.4	07/06-07/07/11	1186050
		Dilution Factor: 1				Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

FIG010430

03233

CHAIN-of-CUSTODY

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

PAGE 1 of 1

PROJECT NAME / FACILITY ID: NERT — FIELD PERSON: J. HILLER

PROJECT NUMBER: 21-26719D — DATE: 6/30/2011 — PROJECT MANAGER: J. PEKALA

PROJECT LOCATION: HENDERSON, NV — LABORATORY: TEST AMERICA - ST. LOUIS

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y (N) IF YES, GLOBAL ID #: _____ WO#: _____

SAMPLER: J. HILLER

SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2011 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: Reactive CYANIDE SW846 7.3.3.2	Reactive SULFIDE SW846 7.3.4.1	PCB's 8082	SULFUR 6010B	COMMENTS
SP-E14A-1E	6/30	0915	—	S	4	U	No	X	X	X	X	Questions to Don Clark 510-420-2563
SP-E14A-1F		0930			4							
SP-E14A-1G		0950			4							
SP-E14A-1H		1005			4							Results to Don Clark dclark@environcorp.com & John pekala @ jpekala@environcorp.com
SP-E14A-2E		1025			4							
SP-E14A-2F		1035			4							
SP-E14A-2G		1045			4							
SP-E14A-2H	↓	1055	↓	↓	4	↓	↓	↓	↓	↓	↓	
TOTAL	X	X	X	X	32	X	X	8	8	8	8	

JH

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	15:00 6/30/11	(COMPANY): TA	6/30/11 1745
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1500 6/30/11	(COMPANY): TA	7-1-11 0915
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY / 24 HOURS / 48 HOURS / 72 HOURS / 5 DAYS / NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp_____

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCl; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

TestAmerica St. Louis

TestAmerica St. Louis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F1G010430 482

CUR Form #: 138

CONDITION UPON RECEIPT FORM

Client: ENVIRON

Quote No: 99141

COC/RFA No: 03233, 03240, 03234

Initiated By: [signature] Date: 7-1-11 Time: 0915

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: (Y) N

Shipping # (s):*

1. 4806 8565 8690
2. 4806 8565 8680
3. 4806 8565 8679
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Sample Temperature (s):**

1. 3
2. 2
3. 5
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid; Rad tests- Liquid or Solids; Perchlorate

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	Y N (N/A)	Containers for C-14, H-3 & I-129/131 marked with "Do Not Preserve" label?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	(Y) N	Sample received in proper containers?
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N (N/A)	Was Internal COC/Workshare received?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX, Oil & Grease and soils.

Notes:

Composite all samples per attached e-mail- Re 007-01-11

Corrective Action:

Client Contact Name: _____ Informed by: _____

Sample(s) processed "as is"

Sample(s) on hold until: _____ If released, notify: _____

Project Management Review: [signature] Date: 07-11-11

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM