TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Knoxville
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Knoxville, TN 37921
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TestAmerica Job ID: 140-1506-1
TestAmerica Sample Delivery Group: W06761
Client Project/Site: F11-150
Revision: 1

For:
CH2M Hill Plateau Remediation Company
PO BOX 1600
Mail Stop R3-50
Richland, Washington 99352

Attn: Mr. Scot Fitzgerald

Authorized for release by:
2/11/2015 1:21:56 PM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
D	The reported value is from a dilution.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Job ID: 140-1506-1

Laboratory: TestAmerica Knoxville

Narrative

Job Narrative
140-1506-1
REVISED

Comments
This report has been revised. Client specific qualifiers have been used in the report.

Receipt
The samples were received on 6/11/2014 10:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The Chain-of-Custody was not relinquished.

Air - GC/MS VOA
Qualifier Description

U: Analyzed for but not detected.
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D: The reported value is from a dilution.

Method(s) TO 14A, TO-14A, TO-14A Low: EPA methods TO-14A and TO-15 specify the use of humidified “zero air” as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of “zero air” by TestAmerica Knoxville.

EPA methods TO-14 and TO-14A specify that the relative accuracy of the field sampler or sample delivery system must meet 90-110% for a standard at 8 ppb(v/v). The laboratory control sample (LCS) summary data in this report is evaluated against alternate acceptance criteria based on the laboratory procedure for methods TO-14 and TO-14A. Please refer to the LCS summary report for the actual observed recoveries and acceptance criteria for the LCS.

Method(s) TO-14A Low, TO-15: The continuing calibration verification (CCV) associated with batch 1327 exhibited % difference of > 30% for the following analyte(s): acetone and/or hexachlorobutadiene, however the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ3 — Lab Sample ID: 140-1506-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	125000	D	2560	481	ppb v/v	9612.24		TO-14A Low	Total/NA
Chloroform	671	J D	2560	481	ppb v/v	9612.24		TO-14A Low	Total/NA

Client Sample ID: B2WWJ4 — Lab Sample ID: 140-1506-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	7590	D	112	21.0	ppb v/v	42.03		TO-14A Low	Total/NA
Chloroform	118	D	112	21.0	ppb v/v	42.03		TO-14A Low	Total/NA
Trichloroethene	29.9	J D	56.0	19.6	ppb v/v	42.03		TO-14A Low	Total/NA

Client Sample ID: B2WWJ7 — Lab Sample ID: 140-1506-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	69500	D	1310	246	ppb v/v	4260.2		TO-14A Low	Total/NA

Client Sample ID: B2WWJ8 — Lab Sample ID: 140-1506-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	105000	D	2030	380	ppb v/v	7601.43		TO-14A Low	Total/NA

Client Sample ID: B2WWJ1 — Lab Sample ID: 140-1506-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	64900	D	1120	210	ppb v/v	3632.65		TO-14A Low	Total/NA
Tetrachloroethene	399	J D	1120	224	ppb v/v	3632.65		TO-14A Low	Total/NA

Client Sample ID: B2WWH9 — Lab Sample ID: 140-1506-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	70800	D	1150	216	ppb v/v	3448.98		TO-14A Low	Total/NA

Client Sample ID: B2WWJ2 — Lab Sample ID: 140-1506-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	50700	D	850	159	ppb v/v	3612.24		TO-14A Low	Total/NA

Client Sample ID: B2WWJ5 — Lab Sample ID: 140-1506-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	47700	D	739	139	ppb v/v	1477.55		TO-14A Low	Total/NA
Chloroform	2010	D	739	139	ppb v/v	1477.55		TO-14A Low	Total/NA
Tetrachloroethene	1840	D	739	148	ppb v/v	1477.55		TO-14A Low	Total/NA

Client Sample ID: B2WWJ0 — Lab Sample ID: 140-1506-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	68100	D	1060	199	ppb v/v	3448.98		TO-14A Low	Total/NA
Chloroform	2220	D	1060	199	ppb v/v	3448.98		TO-14A Low	Total/NA

Client Sample ID: B2WWJ6 — Lab Sample ID: 140-1506-10

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ6 (Continued) — Lab Sample ID: 140-1506-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	29900	D	468	87.8	ppb v/v	1404.08		TO-14A Low	Total/NA
Chloroform	1700	D	468	87.8	ppb v/v	1404.08		TO-14A Low	Total/NA
Tetrachloroethene	2240	D	468	93.6	ppb v/v	1404.08		TO-14A Low	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ3

Lab Sample ID: 140-1506-1
Matrix: Air

Date Collected: 06/10/14 09:40
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	2560	U	12800	2560	ppb v/v			06/13/14 07:11	9612.24
Acetone	17300	U	64100	17300	ppb v/v			06/13/14 07:11	9612.24
Carbon tetrachloride	**125000**	**D**	2560	481	ppb v/v			06/13/14 07:11	9612.24
Chloroform	**671**	**J D**	2560	481	ppb v/v			06/13/14 07:11	9612.24
Methylene Chloride	4170	U	6410	4170	ppb v/v			06/13/14 07:11	9612.24
Tetrachloroethene	513	U	2560	513	ppb v/v			06/13/14 07:11	9612.24
Trichloroethene	449	U	1280	449	ppb v/v			06/13/14 07:11	9612.24

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/13/14 07:11*	*9612.24*

Client Sample ID: B2WWJ4

Lab Sample ID: 140-1506-2
Matrix: Air

Date Collected: 06/10/14 09:58
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	112	U	560	112	ppb v/v			06/13/14 08:06	42.03
Acetone	757	U	2800	757	ppb v/v			06/13/14 08:06	42.03
Carbon tetrachloride	**7590**	**D**	112	21.0	ppb v/v			06/13/14 08:06	42.03
Chloroform	**118**	**D**	112	21.0	ppb v/v			06/13/14 08:06	42.03
Methylene Chloride	182	U	280	182	ppb v/v			06/13/14 08:06	42.03
Tetrachloroethene	22.4	U	112	22.4	ppb v/v			06/13/14 08:06	42.03
Trichloroethene	**29.9**	**J D**	56.0	19.6	ppb v/v			06/13/14 08:06	42.03

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*		*06/13/14 08:06*	*42.03*

Client Sample ID: B2WWJ7

Lab Sample ID: 140-1506-3
Matrix: Air

Date Collected: 06/10/14 10:30
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1310	U	6550	1310	ppb v/v			06/12/14 18:29	4260.2
Acetone	8850	U	32800	8850	ppb v/v			06/12/14 18:29	4260.2
Carbon tetrachloride	**69500**	**D**	1310	246	ppb v/v			06/12/14 18:29	4260.2
Chloroform	246	U	1310	246	ppb v/v			06/12/14 18:29	4260.2
Methylene Chloride	2130	U	3280	2130	ppb v/v			06/12/14 18:29	4260.2
Tetrachloroethene	262	U	1310	262	ppb v/v			06/12/14 18:29	4260.2
Trichloroethene	229	U	655	229	ppb v/v			06/12/14 18:29	4260.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 140*		*06/12/14 18:29*	*4260.2*

Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ8

Lab Sample ID: 140-1506-4
Matrix: Air

Date Collected: 06/10/14 10:38
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	2030	U	10100	2030	ppb v/v			06/12/14 19:23	7601.43
Acetone	13700	U	50700	13700	ppb v/v			06/12/14 19:23	7601.43
Carbon tetrachloride	**105000**	**D**	2030	380	ppb v/v			06/12/14 19:23	7601.43
Chloroform	380	U	2030	380	ppb v/v			06/12/14 19:23	7601.43
Methylene Chloride	3290	U	5070	3290	ppb v/v			06/12/14 19:23	7601.43
Tetrachloroethene	405	U	2030	405	ppb v/v			06/12/14 19:23	7601.43
Trichloroethene	355	U	1010	355	ppb v/v			06/12/14 19:23	7601.43

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/12/14 19:23*	*7601.43*

Client Sample ID: B2WWJ1

Lab Sample ID: 140-1506-5
Matrix: Air

Date Collected: 06/10/14 09:16
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1120	U	5590	1120	ppb v/v			06/12/14 20:17	3632.65
Acetone	7540	U	27900	7540	ppb v/v			06/12/14 20:17	3632.65
Carbon tetrachloride	**64900**	**D**	1120	210	ppb v/v			06/12/14 20:17	3632.65
Chloroform	210	U	1120	210	ppb v/v			06/12/14 20:17	3632.65
Methylene Chloride	1820	U	2790	1820	ppb v/v			06/12/14 20:17	3632.65
Tetrachloroethene	**399**	**J D**	1120	224	ppb v/v			06/12/14 20:17	3632.65
Trichloroethene	196	U	559	196	ppb v/v			06/12/14 20:17	3632.65

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*		*06/12/14 20:17*	*3632.65*

Client Sample ID: B2WWH9

Lab Sample ID: 140-1506-6
Matrix: Air

Date Collected: 06/10/14 08:51
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1150	U	5750	1150	ppb v/v			06/12/14 21:12	3448.98
Acetone	7760	U	28700	7760	ppb v/v			06/12/14 21:12	3448.98
Carbon tetrachloride	**70800**	**D**	1150	216	ppb v/v			06/12/14 21:12	3448.98
Chloroform	216	U	1150	216	ppb v/v			06/12/14 21:12	3448.98
Methylene Chloride	1870	U	2870	1870	ppb v/v			06/12/14 21:12	3448.98
Tetrachloroethene	230	U	1150	230	ppb v/v			06/12/14 21:12	3448.98
Trichloroethene	201	U	575	201	ppb v/v			06/12/14 21:12	3448.98

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/12/14 21:12*	*3448.98*

Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ2

Lab Sample ID: 140-1506-7
Matrix: Air

Date Collected: 06/10/14 09:31
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	850	U	4250	850	ppb v/v			06/12/14 22:07	3612.24
Acetone	5740	U	21200	5740	ppb v/v			06/12/14 22:07	3612.24
Carbon tetrachloride	**50700**	**D**	850	159	ppb v/v			06/12/14 22:07	3612.24
Chloroform	159	U	850	159	ppb v/v			06/12/14 22:07	3612.24
Methylene Chloride	1380	U	2120	1380	ppb v/v			06/12/14 22:07	3612.24
Tetrachloroethene	170	U	850	170	ppb v/v			06/12/14 22:07	3612.24
Trichloroethene	149	U	425	149	ppb v/v			06/12/14 22:07	3612.24

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 140*		*06/12/14 22:07*	*3612.24*

Client Sample ID: B2WWJ5

Lab Sample ID: 140-1506-8
Matrix: Air

Date Collected: 06/10/14 10:10
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	739	U	3690	739	ppb v/v			06/12/14 23:01	1477.55
Acetone	4990	U	18500	4990	ppb v/v			06/12/14 23:01	1477.55
Carbon tetrachloride	**47700**	**D**	739	139	ppb v/v			06/12/14 23:01	1477.55
Chloroform	**2010**	**D**	739	139	ppb v/v			06/12/14 23:01	1477.55
Methylene Chloride	1200	U	1850	1200	ppb v/v			06/12/14 23:01	1477.55
Tetrachloroethene	**1840**	**D**	739	148	ppb v/v			06/12/14 23:01	1477.55
Trichloroethene	129	U	369	129	ppb v/v			06/12/14 23:01	1477.55

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 140*		*06/12/14 23:01*	*1477.55*

Client Sample ID: B2WWJ0

Lab Sample ID: 140-1506-9
Matrix: Air

Date Collected: 06/10/14 09:06
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1060	U	5310	1060	ppb v/v			06/12/14 23:55	3448.98
Acetone	7160	U	26500	7160	ppb v/v			06/12/14 23:55	3448.98
Carbon tetrachloride	**68100**	**D**	1060	199	ppb v/v			06/12/14 23:55	3448.98
Chloroform	**2220**	**D**	1060	199	ppb v/v			06/12/14 23:55	3448.98
Methylene Chloride	1720	U	2650	1720	ppb v/v			06/12/14 23:55	3448.98
Tetrachloroethene	212	U	1060	212	ppb v/v			06/12/14 23:55	3448.98
Trichloroethene	186	U	531	186	ppb v/v			06/12/14 23:55	3448.98

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 140*		*06/12/14 23:55*	*3448.98*

Client Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ6
Date Collected: 06/10/14 10:19
Date Received: 06/11/14 10:25
Sample Container: Summa Canister 6L

Lab Sample ID: 140-1506-10
Matrix: Air

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	468	U	2340	468	ppb v/v			06/13/14 00:50	1404.08
Acetone	3160	U	11700	3160	ppb v/v			06/13/14 00:50	1404.08
Carbon tetrachloride	**29900**	**D**	468	87.8	ppb v/v			06/13/14 00:50	1404.08
Chloroform	**1700**	**D**	468	87.8	ppb v/v			06/13/14 00:50	1404.08
Methylene Chloride	761	U	1170	761	ppb v/v			06/13/14 00:50	1404.08
Tetrachloroethene	**2240**	**D**	468	93.6	ppb v/v			06/13/14 00:50	1404.08
Trichloroethene	81.9	U	234	81.9	ppb v/v			06/13/14 00:50	1404.08

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 140*		*06/13/14 00:50*	*1404.08*

Surrogate Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	BFB (60-140)							
140-1506-1	B2WWJ3	102							
140-1506-2	B2WWJ4	96							
140-1506-3	B2WWJ7	104							
140-1506-4	B2WWJ8	102							
140-1506-5	B2WWJ1	96							
140-1506-6	B2WWH9	102							
140-1506-7	B2WWJ2	104							
140-1506-8	B2WWJ5	97							
140-1506-9	B2WWJ0	103							
140-1506-10	B2WWJ6	102							
LCS 140-1327/1002	Lab Control Sample	111							
MB 140-1327/4	Method Blank	89							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Method: TO-14A Low - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-1327/4
Matrix: Air
Analysis Batch: 1327

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.080	U	0.40	0.080	ppb v/v			06/12/14 14:50	1
Acetone	0.54	U	2.00	0.54	ppb v/v			06/12/14 14:50	1
Carbon tetrachloride	0.015	U	0.080	0.015	ppb v/v			06/12/14 14:50	1
Chloroform	0.015	U	0.080	0.015	ppb v/v			06/12/14 14:50	1
Methylene Chloride	0.13	U	0.20	0.13	ppb v/v			06/12/14 14:50	1
Tetrachloroethene	0.016	U	0.080	0.016	ppb v/v			06/12/14 14:50	1
Trichloroethene	0.014	U	0.040	0.014	ppb v/v			06/12/14 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*60 - 140*		*06/12/14 14:50*	*1*

Lab Sample ID: LCS 140-1327/1002
Matrix: Air
Analysis Batch: 1327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	2.00	2.025		ppb v/v		101	60 - 140
Acetone	6.00	3.904		ppb v/v		65	60 - 140
Carbon tetrachloride	2.00	2.320		ppb v/v		116	70 - 130
Chloroform	2.00	2.157		ppb v/v		108	70 - 130
Methylene Chloride	2.00	2.098		ppb v/v		105	70 - 130
Tetrachloroethene	2.00	1.741		ppb v/v		87	70 - 130
Trichloroethene	2.00	1.651		ppb v/v		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*60 - 140*

QC Association Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Air - GC/MS VOA

Analysis Batch: 1327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-1506-1	B2WWJ3	Total/NA	Air	TO-14A Low	
140-1506-2	B2WWJ4	Total/NA	Air	TO-14A Low	
140-1506-3	B2WWJ7	Total/NA	Air	TO-14A Low	
140-1506-4	B2WWJ8	Total/NA	Air	TO-14A Low	
140-1506-5	B2WWJ1	Total/NA	Air	TO-14A Low	
140-1506-6	B2WWH9	Total/NA	Air	TO-14A Low	
140-1506-7	B2WWJ2	Total/NA	Air	TO-14A Low	
140-1506-8	B2WWJ5	Total/NA	Air	TO-14A Low	
140-1506-9	B2WWJ0	Total/NA	Air	TO-14A Low	
140-1506-10	B2WWJ6	Total/NA	Air	TO-14A Low	
LCS 140-1327/1002	Lab Control Sample	Total/NA	Air	TO-14A Low	
MB 140-1327/4	Method Blank	Total/NA	Air	TO-14A Low	

Lab Chronicle

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ3 — Lab Sample ID: 140-1506-1

Date Collected: 06/10/14 09:40 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		9612.24	150 mL	500 mL	1327	06/13/14 07:11	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ4 — Lab Sample ID: 140-1506-2

Date Collected: 06/10/14 09:58 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		42.03	15 mL	500 mL	1327	06/13/14 08:06	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ7 — Lab Sample ID: 140-1506-3

Date Collected: 06/10/14 10:30 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		4260.2	130 mL	500 mL	1327	06/12/14 18:29	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ8 — Lab Sample ID: 140-1506-4

Date Collected: 06/10/14 10:38 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		7601.43	150 mL	500 mL	1327	06/12/14 19:23	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ1 — Lab Sample ID: 140-1506-5

Date Collected: 06/10/14 09:16 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		3632.65	130 mL	500 mL	1327	06/12/14 20:17	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWH9 — Lab Sample ID: 140-1506-6

Date Collected: 06/10/14 08:51 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		3448.98	120 mL	500 mL	1327	06/12/14 21:12	HMT	TAL KNX
	Instrument ID: MJ									

Lab Chronicle

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Client Sample ID: B2WWJ2 — Lab Sample ID: 140-1506-7

Date Collected: 06/10/14 09:31 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		3612.24	170 mL	500 mL	1327	06/12/14 22:07	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ5 — Lab Sample ID: 140-1506-8

Date Collected: 06/10/14 10:10 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		1477.55	80 mL	500 mL	1327	06/12/14 23:01	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ0 — Lab Sample ID: 140-1506-9

Date Collected: 06/10/14 09:06 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		3448.98	130 mL	500 mL	1327	06/12/14 23:55	HMT	TAL KNX
	Instrument ID: MJ									

Client Sample ID: B2WWJ6 — Lab Sample ID: 140-1506-10

Date Collected: 06/10/14 10:19 — **Matrix: Air**
Date Received: 06/11/14 10:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-14A Low		1404.08	120 mL	500 mL	1327	06/13/14 00:50	HMT	TAL KNX
	Instrument ID: MJ									

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Certification Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Laboratory: TestAmerica Knoxville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		N/A	
Arkansas DEQ	State Program	6	88-0688	06-17-15
California	State Program	9	2423	06-30-16
Colorado	State Program	8	N/A	02-28-15
Connecticut	State Program	1	PH-0223	09-30-15
Florida	NELAP	4	E87177	06-30-15
Georgia	State Program	4	906	04-13-17
Hawaii	State Program	9	N/A	04-13-15
Iowa	State Program	7	375	08-01-14
Kentucky (DW)	State Program	4	90101	12-31-15
L-A-B	DoD ELAP		L2311	02-13-16
Louisiana	NELAP	6	LA110001	12-31-15
Maryland	State Program	3	277	03-31-15
Michigan	State Program	5	9933	04-13-17
Nevada	State Program	9	TN00009	07-31-15
New Jersey	NELAP	2	TN001	06-30-15
New York	NELAP	2	10781	03-31-15
North Carolina (DW)	State Program	4	21705	07-31-15
North Carolina (WW/SW)	State Program	4	64	12-31-15
Ohio VAP	State Program	5	CL0059	01-16-17
Oklahoma	State Program	6	9415	08-31-15
Pennsylvania	NELAP	3	68-00576	12-31-15
South Carolina	State Program	4	84001	06-30-15
Tennessee	State Program	4	2014	04-13-17
Texas	NELAP	6	T104704380-TX	08-31-15
USDA	Federal		P330-13-00260	08-29-16
Utah	NELAP	8	QUAN3	07-31-15
Virginia	State Program	3	165	06-30-15
Washington	State Program	10	C593	01-19-16
West Virginia (DW)	State Program	3	9955C	12-31-15
West Virginia DEP	State Program	3	345	04-30-15
Wisconsin	State Program	5	998044300	08-31-15

Method Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Method	Method Description	Protocol	Laboratory
TO-14A Low	Volatile Organic Compounds in Ambient Air	EPA-21	TAL KNX

Protocol References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: CH2M Hill Plateau Remediation Company
Project/Site: F11-150

TestAmerica Job ID: 140-1506-1
SDG: W06761

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
140-1506-1	B2WWJ3	Air	06/10/14 09:40	06/11/14 10:25
140-1506-2	B2WWJ4	Air	06/10/14 09:58	06/11/14 10:25
140-1506-3	B2WWJ7	Air	06/10/14 10:30	06/11/14 10:25
140-1506-4	B2WWJ8	Air	06/10/14 10:38	06/11/14 10:25
140-1506-5	B2WWJ1	Air	06/10/14 09:16	06/11/14 10:25
140-1506-6	B2WWH9	Air	06/10/14 08:51	06/11/14 10:25
140-1506-7	B2WWJ2	Air	06/10/14 09:31	06/11/14 10:25
140-1506-8	B2WWJ5	Air	06/10/14 10:10	06/11/14 10:25
140-1506-9	B2WWJ0	Air	06/10/14 09:06	06/11/14 10:25
140-1506-10	B2WWJ6	Air	06/10/14 10:19	06/11/14 10:25

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-009	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe CPT-28 (87-ft)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-2	FIELD LOGBOOK NO. HNF-N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. 7702 5671 1630		

30

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
HOLDING TIME	30 Days
TYPE OF CONTAINER	Summa Canister
NO. OF CONTAINER(S)	1
VOLUME	6L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ3	GASEOUS	6-10-14	0940	✓

Received @ ambient
Custody seal intact
1 box
KW 6/11/14
Fedex Po
trk# 7702 5671 1630
4 cans
SDG W06761

140-1506 Chain of Custody

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14/1110	RECEIVED BY/STORED IN K.C. Patterson CHPRC	DATE/TIME 6-10-14/1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME 6-10-14/1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL-14-102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-010	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Well 299-W15-8L	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-2	FIELD LOGBOOK NO. HNF-N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5671 1636 6/10/14		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*	PRESERVATION	None
		HOLDING TIME	30 Days
		TYPE OF CONTAINER	Summa Canister
		NO. OF CONTAINER(S)	1
		VOLUME	6L
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ4	GASEOUS	6-10-14	0958	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.R. Aguilar CHPRC	6-10-14/1110	K.C. Patterson CHPRC	6-10-14/1110
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K.C. Patterson CHPRC	6-10-14/1400	FEDEX	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		Ken Wilson	6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL-14-102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME	

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-013	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe CPT-21A (65-ft)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-2	FIELD LOGBOOK NO. HNF- N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 770256711630 RW 6/10/14		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
HOLDING TIME	30 Days
TYPE OF CONTAINER	Summa Canister
NO. OF CONTAINER(S)	1
VOLUME	6L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ7	GASEOUS	6-10-14	1030	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.R. Aguilar CHPRC	6-10-14 1110	K.C. Patterson CHPRC	6-10-14 1110
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K.C. Patterson CHPRC	6/10/14 1400	FEDEX	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		Ken Wilson	6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL- 14- 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-014	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe CPT-21A (86-ft)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-2	FIELD LOGBOOK NO. HNF-N-491-1 / 111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. ~~SEE PTR~~ N/A		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5671 1630		

DW 6/10/14

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
HOLDING TIME	30 Days
TYPE OF CONTAINER	Summa Canister
NO. OF CONTAINER(S)	1
VOLUME	6L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ8	GASEOUS	6-10-14	1038	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14 / 1110	RECEIVED BY/STORED IN K.C. Patterson CHPRC	DATE/TIME 6-10-14 / 1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME 6/10/14 / 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL- 14 - 10 2

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-007	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Well 299-W18-167	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB1	FIELD LOGBOOK NO. HNF-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5667 3267 6/10/14		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
HOLDING TIME	30 Days
TYPE OF CONTAINER	Summa Canister
NO. OF CONTAINER(S)	1
VOLUME	6L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ1	GASEOUS	6-10-14	0916	✓

Received @ ambient
custody seal intact
1 box
KW 6/11/14
Fedex Po
trk# 7702 5667 3267
6 cans
No flows
SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.R. Aguilar CHPRC	6-10-14 1110	K.C. Patterson CHPRC	6-10-14 1110
K.C. Patterson CHPRC	JUN 10 2014 1400	FEDEX	
		Ken Wilson	6/11/14 1625

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL 14 - 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-005	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Well 299-W18-248	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-1	FIELD LOGBOOK NO. HNF-N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5667 3267		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
HOLDING TIME	30 Days
TYPE OF CONTAINER	Summa Canister
NO. OF CONTAINER(S)	1
VOLUME	6L
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWH9	GASEOUS	6-10-14	0851	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14 1110	RECEIVED BY/STORED IN K.C. Patterson CHPRC	DATE/TIME 6-10-14 1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME JUN 10 2014 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL 14- 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-008	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe CPT-28 (60-ft)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-1	FIELD LOGBOOK NO. HNF-N-491-1 / 111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5667 3267 6/10/14		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*	PRESERVATION	None
		HOLDING TIME	30 Days
		TYPE OF CONTAINER	Summa Canister
		NO. OF CONTAINER(S)	1
		VOLUME	6L
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ2	GASEOUS	6-10-14	0931	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
J.R. Aguilar CHPRC	6-10-14 1110	K.C. Patterson CHPRC	6-10-14 1110
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K.C. Patterson CHPRC	JUN 10 2014 1400	FEDEX	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
		Ken Wilson	6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL- 14- 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME	

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-011	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe C4938 (P69C)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-1	FIELD LOGBOOK NO. HNF-N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5667 3267 LW 6/10/14		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*	PRESERVATION	None
		HOLDING TIME	30 Days
		TYPE OF CONTAINER	Summa Canister
		NO. OF CONTAINER(S)	1
		VOLUME	6L
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ5	GASEOUS	6-10-14	1010	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14 1110	RECEIVED BY/STORED IN K.C. Patterson CHPRC	DATE/TIME 6-10-14 1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME JUN 10 2014 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL- 14- 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME	

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-006	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Well 299-W18-165	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-1	FIELD LOGBOOK NO. HNF-N-491-1 / 111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 7702 5667 3267 KW 6/10/14		

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*	HOLDING TIME	30 Days
		TYPE OF CONTAINER	Summa Canister
		NO. OF CONTAINER(S)	1
		VOLUME	6L
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ0	GASEOUS	6-10-14	0906	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14 1110	RECEIVED BY/STORED IN K.C. Patterson	DATE/TIME 6-10-14 1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME JUN 10 2014 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL- 14- 102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F11-150-012	PAGE 1 OF 1
COLLECTOR J.R. Aguilar CHPRC	COMPANY CONTACT EVANS, RT	TELEPHONE NO. 373-7924	PROJECT COORDINATOR EVANS, RT	PRICE CODE 9C	DATA TURNAROUND
SAMPLING LOCATION 200-PW-1, Probe C4937 (P66D)	PROJECT DESIGNATION 200-PW-1 SVE Trailers Operational Monitoring - Gaseous		SAF NO. F11-150	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. GWS-FB-1	FIELD LOGBOOK NO. HNF-N-491-1/111	ACTUAL SAMPLE DEPTH N/A	COA 302858ES10	METHOD OF SHIPMENT FEDERAL EXPRESS	ORIGINAL
SHIPPED TO TestAmerica Knoxville	OFFSITE PROPERTY NO. SEE PTR		BILL OF LADING/AIR BILL NO. ~~N/A~~ 770256067 3267 RW 6/10/14		

43

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*	PRESERVATION	None
		HOLDING TIME	30 Days
		TYPE OF CONTAINER	Summa Canister
		NO. OF CONTAINER(S)	1
		VOLUME	6L
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B2WWJ6	GASEOUS	6-10-14	1019	✓

SDG W06761

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM J.R. Aguilar CHPRC	DATE/TIME 6-10-14 1110	RECEIVED BY/STORED IN K.C. Patterson CHPRC	DATE/TIME 6-10-14 1110
RELINQUISHED BY/REMOVED FROM K.C. Patterson CHPRC	DATE/TIME 6/10/14 1400	RECEIVED BY/STORED IN FEDEX	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN Ken Wilson	DATE/TIME 6/11/14 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. TRVL-14-102
(1) VOA - T0-14 {2-Butanone, Acetone, Carbon tetrachloride, Chloroform, Methylene chloride, Tetrachloroethene, Trichloroethene};

TRVL-14-102

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 5/27/2014

A-6003-618 (REV 2)

Login Sample Receipt Checklist

Client: CH2M Hill Plateau Remediation Company

Job Number: 140-1506-1
SDG Number: W06761

Login Number: 1506
List Number: 1
Creator: Wilson, Ken

List Source: TestAmerica Knoxville

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

TestAmerica Knoxville - Air Canister Initial Pressure Check

Gauge ID: G1

Analyst	Date	Sample ID	6 L	1 L	Pressure @ Receipt (-in Hg or +psig)	Time	Comments
AFB	6/11/2014	140-1506-a-1	X		0	1624	
AFB	6/11/2014	140-1506-a-2	X		-3.5	1625	
AFB	6/11/2014	140-1506-a-3	X		-1.1	1626	
AFB	6/11/2014	140-1506-a-4	X		0	1627	
AFB	6/11/2014	140-1506-a-5	X		0	1628	
AFB	6/11/2014	140-1506-a-6	X		0	1629	
AFB	6/11/2014	140-1506-a-7	X		0	1630	
AFB	6/11/2014	140-1506-a-8	X		0	1631	
AFB	6/11/2014	140-1506-a-9	X		0	1632	
AFB	6/11/2014	140-1506-a-10	X		0	1633	