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Applied Sciences Laboratory (ASL)
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November 4, 2010

KAFB ST-106 - TO-96

382698.02.SV.10.07

RE: Laboratory Report for KAFB ST-106 - TO-96
ASL Report #: J2931

Shane Lowe/STL:

On October 11, 2010, CH2M HILL Applied Sciences Laboratory received 41 samples with a request for analysis of selected parameters. All analyses were performed by CH2M HILL unless otherwise indicated below. The results included in this report only relate to the samples listed on the following Sample Cross-Reference page. This report shall not be reproduced except in full, without the written approval of the laboratory.

The analytical results and associated quality control data are enclosed. Any unusual difficulties encountered during the analysis of your samples are discussed in the case narrative. Results that are presented in ug/m3 or ug/L are converted from ppbv assuming a temperature of 20C and sea level pressure of 760 torr.

We certify that the test results meet all NELAC requirements except those listed below:

- NELAC does not accredit laboratories for the following tests: SW8015M.

CH2M HILL Applied Sciences Laboratory appreciates your business and looks forward to serving your analytical needs again. If you should have any questions concerning the data, or if you need additional information, please call Ben Thompson at (541) 758-0235, extension 23132.

Authorized and Released By:

Ben Thompson
Laboratory Project Manager

Enclosures

cc:
Paul Clement/ABQ
Sharon Minchak/ABQ
Dan Moore/STL

NELAC OR100022

Samples will be disposed at no additional cost to clients, 30 days (10 days for air) after the final report is issued. Storage of samples and containers beyond this may be available for an additional fee. Samples classed as hazardous based on hazardous waste regulations under Subtitle C of RCRA and 40CFR, will either be returned to client at the client's expense or the client will be charged a $5 per sample disposal fee.

CLIENT SAMPLE CROSS-REFERENCE
For Samples Received October 11, 2010

ASL Report #: J2931

Sample ID	Client Sample ID	Date Collected	Time Collected	Equip. ID
J293101	ST106-AR-1066POSTE1	10/06/2010	15:10	SG1760
J293102	ST106-AR-1066POSTE2	10/06/2010	15:12	SG1784
J293103	ST106-AR-1066INLET	10/06/2010	15:15	SG1782
J293104	ST106-AR-1068POSTE1	10/06/2010	15:30	SG1688
J293105	ST106-AR-1068POSTE2	10/06/2010	15:35	SG1690
J293106	ST106-AR-1068INLET	10/06/2010	15:38	SG1692
J293107	ST106-AR-1065INLET	10/06/2010	15:50	SG1855
J293108	ST106-AR-1065POSTE2	10/06/2010	15:52	SG1678
J293109	ST106-AR-106POSTE1	10/06/2010	16:21	SG1686
J293110	ST106-AR-106POSTE2	10/06/2010	16:23	SG1693
J293111	ST106-AR-106INLET	10/06/2010	16:25	SG1860
J293112	ST106-AR-10628-150	10/07/2010	11:34	SG1464
J293113	ST106-AR-10628-250	10/07/2010	11:43	SG1864
J293114	ST106-AR-10628-350	10/07/2010	11:55	SG1856
J293115	ST106-AR-10628-450	10/07/2010	12:05	SG1689
J293116	ST106-AR-10628-450DUP	10/07/2010	12:09	SG1839
J293117	ST106-AR-SVMW14-150	10/07/2010	13:22	SG1804
J293118	ST106-AR-SVMW14-250	10/07/2010	13:25	SG1377
J293119	ST106-AR-SVMW14-350	10/07/2010	13:28	SG1320
J293120	ST106-AR-SVMW14-450	10/07/2010	13:32	SG1440
J293121	ST106-AR-SVEW12-400	10/07/2010	13:52	SG1843
J293122	ST106-AR-SVMW02-50	10/07/2010	14:30	SG1348
J293123	ST106-AR-SVMW02-97	10/07/2010	14:33	SG1674
J293124	ST106-AR-SVMW02-150	10/07/2010	14:35	SG1404
J293125	ST106-AR-SVMW07-49	10/07/2010	15:05	SG1846
J293126	ST106-AR-SVMW07-95	10/07/2010	15:08	SG1389
J293127	ST106-AR-SVMW07-147	10/07/2010	15:12	SG1790
J293128	ST106-AR-SVEW04-298	10/07/2010	16:26	SG1661
J293129	ST106-AR-SVEW04-298DUP	10/07/2010	16:27	SG1459
J293130	ST106-AR-SVEW05-445	10/07/2010	16:30	SG1677
J293131	ST106-AR-SVEW05-445DUP	10/07/2010	16:31	SG1778
J293132	ST106-AR-SVEW01-245	10/07/2010	16:43	SG1318
J293133	ST106-AR-SVEW02-45	10/08/2010	14:24	SG1271
J293134	ST106-AR-SVEW02-45DUP	10/08/2010	14:24	SG1762
J293135	ST106-AR-SVEW03-145	10/08/2010	14:38	SG1374
J293136	ST106-AR-SVEW06-45	10/08/2010	14:51	SG1662
J293137	ST106-AR-SVEW07-145	10/08/2010	15:03	SG1341
J293138	ST106-AR-SVEW08-245	10/08/2010	15:17	SG1675
J293139	ST106-AR-SVEW08-245DUP	10/08/2010	15:18	SG1766
J293140	ST106-AR-SVEW09-435	10/08/2010	15:27	SG1394
J293141	ST106-AR-SVEW09-435DUP	10/08/2010	15:28	SG1761

TABLE OF CONTENTS

ASL Report #: J2931

Page

Volatile Organics Analysis by Method TO15 5
- Sample Data Summary 11
- QC Summary 94

Fixed Gases Analysis by Method SM2720C 172
- Sample Data Summary 177
- QC Summary 219

TPH-Gasoline in Air Analysis by Method SW8015M 240
- Sample Data Summary 245
- QC Summary 287

Chain of Custody/Shipping Documents 311

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AFCEE Data Qualifiers

J	The analyte was positively identified, the quantitation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.
F	The analyte was positively identified but the associated numerical value is below the RL.
Q	The data must be evaluated for usability due to deficiencies in the ability to analyze the sample and meet QC criteria.
B	The analyte was found in an associated blank, as well as in the sample.
M	A matrix effect was present.
S	To be applied to all field screening data.
T	Tentatively identified compounds (using GC/MS).
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.

TO-15

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Base/Command: KIRTLAND AFB (AIR) Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-1066POSTE1	J293101
ST106-AR-1066POSTE2	J293102
ST106-AR-1066INLET	J293103
ST106-AR-1068POSTE1	J293104
ST106-AR-1068POSTE2	J293105
ST106-AR-1068INLET	J293106
ST106-AR-1065INLET	J293107
ST106-AR-1065POSTE2	J293108
ST106-AR-106POSTE1	J293109
ST106-AR-106POSTE2	J293110
ST106-AR-106INLET	J293111
ST106-AR-10628-150	J293112
ST106-AR-10628-250	J293113
ST106-AR-10628-350	J293114
ST106-AR-10628-450	J293115
ST106-AR-10628-450DUP	J293116
ST106-AR-SVMW14-150	J293117
ST106-AR-SVMW14-250	J293118
ST106-AR-SVMW14-350	J293119
ST106-AR-SVMW14-450	J293120
ST106-AR-SVEW12-400	J293121
ST106-AR-SVMW02-50	J293122
ST106-AR-SVMW02-97	J293123
ST106-AR-SVMW02-150	J293124
ST106-AR-SVMW07-49	J293125
ST106-AR-SVMW07-95	J293126
ST106-AR-SVMW07-147	J293127
ST106-AR-SVEW04-298	J293128
ST106-AR-SVEW04-298DUP	J293129
ST106-AR-SVEW05-445	J293130
ST106-AR-SVEW05-445DUP	J293131
ST106-AR-SVEW01-245	J293132
ST106-AR-SVEW02-45	J293133
ST106-AR-SVEW02-45DUP	J293134
ST106-AR-SVEW03-145	J293135
ST106-AR-SVEW06-45	J293136
ST106-AR-SVEW07-145	J293137
ST106-AR-SVEW08-245	J293138

Comments:

See attached narrative

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Base/Command: KIRTLAND AFB (AIR) Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-SVEW08-245DUP	J293139
ST106-AR-SVEW09-435	J293140
ST106-AR-SVEW09-435DUP	J293141

Comments:

See attached narrative

CASE NARRATIVE
VOLATILE ORGANIC ANALYSIS

Analytical Method: TO-15 AAB#: J2931

Lab Name: CH2M HILL Applied Science Laboratories Project # 382698.02.SV.10.07

Base/Command: KAFB- ST106 Prime Contractor: _____

I. RECEIPT

A. Date: 10/11/10

B. Sample Information:

LAB SAMPLE ID	CLIENT SAMPLE ID	CANISTER ID	SAMPLE MATRIX	DATE SAMPLED	TIME SAMPLED	RECEIVED PRESS. (torr)
J293101	ST106-AR-1066POSTE1	SG1760	AIR	10/06/2010	15:10	576
J293102	ST106-AR-1066POSTE2	SG1784	AIR	10/06/2010	15:12	572
J293103	ST106-AR-1066INLET	SG1782	AIR	10/06/2010	15:15	583
J293104	ST106-AR-1068POSTE1	SG1688	AIR	10/06/2010	15:30	566
J293105	ST106-AR-1068POSTE2	SG1690	AIR	10/06/2010	15:35	578
J293106	ST106-AR-1068INLET	SG1692	AIR	10/06/2010	15:38	558
J293107	ST106-AR-1065INLET	SG1855	AIR	10/06/2010	15:50	579
J293108	ST106-AR-1065POSTE2	SG1678	AIR	10/06/2010	15:52	575
J293109	ST106-AR-106POSTE1	SG1686	AIR	10/06/2010	16:21	578
J293110	ST106-AR-106POSTE2	SG1693	AIR	10/06/2010	16:23	725
J293111	ST106-AR-106INLET	SG1860	AIR	10/06/2010	16:25	536
J293112	ST106-AR-10628-150	SG1464	AIR	10/07/2010	11:34	590
J293113	ST106-AR-10628-250	SG1864	AIR	10/07/2010	11:43	604
J293114	ST106-AR-10628-350	SG1856	AIR	10/07/2010	11:55	598
J293115	ST106-AR-10628-450	SG1689	AIR	10/07/2010	12:05	606
J293116	ST106-AR-10628-450DUP	SG1839	AIR	10/07/2010	12:09	594
J293117	ST106-AR-SVMW14-150	SG1804	AIR	10/07/2010	13:22	593
J293118	ST106-AR-SVMW14-250	SG1377	AIR	10/07/2010	13:25	593
J293119	ST106-AR-SVMW14-350	SG1320	AIR	10/07/2010	13:28	596
J293120	ST106-AR-SVMW14-450	SG1440	AIR	10/07/2010	13:32	591
J293121	ST106-AR-SVEW12-400	SG1843	AIR	10/07/2010	13:52	592
J293122	ST106-AR-SVMW02-50	SG1348	AIR	10/07/2010	14:30	597
J293123	ST106-AR-SVMW02-97	SG1674	AIR	10/07/2010	14:33	595
J293124	ST106-AR-SVMW02-150	SG1404	AIR	10/07/2010	14:35	596
J293125	ST106-AR-SVMW07-49	SG1846	AIR	10/07/2010	15:05	590
J293126	ST106-AR-SVMW07-95	SG1389	AIR	10/07/2010	15:08	577
J293127	ST106-AR-SVMW07-147	SG1790	AIR	10/07/2010	15:12	582
J293128	ST106-AR-SVEW04-298	SG1661	AIR	10/07/2010	16:26	592
J293129	ST106-AR-SVEW04-298DUP	SG1459	AIR	10/07/2010	16:27	583
J293130	ST106-AR-SVEW05-445	SG1677	AIR	10/07/2010	16:30	599
J293131	ST106-AR-SVEW05-445DUP	SG1778	AIR	10/07/2010	16:31	599
J293132	ST106-AR-SVEW01-245	SG1318	AIR	10/07/2010	16:43	594
J293133	ST106-AR-SVEW02-45	SG1271	AIR	10/08/2010	14:24	589
J293134	ST106-AR-SVEW02-45DUP	SG1762	AIR	10/08/2010	14:24	583
J293135	ST106-AR-SVEW03-145	SG1374	AIR	10/08/2010	14:38	633
J293136	ST106-AR-SVEW06-45	SG1662	AIR	10/08/2010	14:51	587
J293137	ST106-AR-SVEW07-145	SG1341	AIR	10/08/2010	15:03	558
J293138	ST106-AR-SVEW08-245	SG1675	AIR	10/08/2010	15:17	580
J293139	ST106-AR-SVEW08-245DUP	SG1766	AIR	10/08/2010	15:18	578
J293140	ST106-AR-SVEW09-435	SG1394	AIR	10/08/2010	15:27	582
J293141	ST106-AR-SVEW09-435DUP	SG1761	AIR	10/08/2010	15:28	591

II. Holding Times:
All acceptance criteria were met.

III. Analysis:

A. Calibration:
The %D for TCE(32.0%) in CV1-1027 exceeded acceptance criteria of 30%. The %D for 1,1,2,2-Tetrachloroethane(32.1%) in ICV21021 exceeded acceptance criteria of 30%. The %D for 1,2,4-Trichlorobenzene(58.5%) and Hexachlorobutadiene(33.7%) in CV1 1026 exceeded acceptance criteria of 30%. The %D for 1,2,4-Trichlorobenzene(63.1%) and Hexachlorobutadiene(33.9%) in CV2-1027 exceeded acceptance criteria of 30%. The %D for 1,2,4-Trichlorobenzene(54.7%) and Hexachlorobutadiene(30.2%) in CV1-1028 exceeded acceptance criteria of 30%.

B. Blanks:
Method blanks XB2-1025 and XB2-1027A exceeded ½ the RL (.25 ppbv) for Benzene (0.27 ppbv and 0.32 ppbv respectively). Method blanks XB2-1026A and XB2-1027A exceeded ½ the RL (.5 ppbv) for Acetone (0.51 ppbv and 0.56 ppbv respectively).

C. Duplicate Sample(s):
Analyzed in accordance with standard operating procedures.

D. Instrument Performance Check:
Not applicable.

E. Surrogate Recoveries:
All acceptance criteria were met.

F. Internal Standards:
All acceptance criteria were met.

G. Laboratory Control Sample (LCS):
LCS recovery of 1,2,4-Trichlorobenzene(178%) and Hexachlorobutadiene(149%) in BS1X1026 did not meet acceptance criteria of 70-130%. LCS recovery of 1,2,4-Trichlorobenzene(161%) and Hexachlorobutadiene(134%) in BS1X1027 did not meet acceptance criteria of 70-130%. LCS recovery of 1,2,4-Trichlorobenzene(165%) and Hexachlorobutadiene(136%) in BS1X1028 did not meet acceptance criteria of 70-130%.

H. Matrix Spike(MS)/Matrix Spike Duplicate(MSD):
Not applicable.

I. Manual integrations:
The following manual integrations were performed on this batch:

Lab ID	Client ID	Analyte(s)
Level 2	101810R1	Acetone
Level 3	101810R1	Dichlorofluoromethane
Level 4	101810R1	Acetone
Level 5	101810R1	Acetone, o-xylene, and 1,3,5-Trimethlybenzene
Level 7	101810R1	1,1,2,2-Tetrachloromethane
Le vel 2	102010AA1	Acetone
Le vel 7	102010AA1	1,2,4-Trichlorobenzene
ICV2-1021	MSAA	1,2,4-Trichlorobenzene
J293107	ST106-AR-1065INLET	Acetone
J293106	ST106-AR-1068INLET	Acetone
CV1-1026	MSAA	TCE
XB2-1026	MSAA	Acetone
J293115	ST106-AR-10628-450	Acetone
J293116	ST106-AR-10628-450DUP	Trichlorofluoromethane
J293118	ST106-AR-SVMW14-250	Acetone and 1,1,1-Trichloroethane
J293120	ST106-AR-SVMW14-450	Trichlorofluoromethane

J293121	ST106-AR-SVEW12-400	Trichlorofluoromethane and 1,1,2-Trichloro-1,2,2-trifluoroethane
CV1-1027	MSAA	TCE
J293123	ST106-AR-SVMW02-97	Acetone
J293124	ST106-AR-SVMW02-150	Acetone
J293126	ST106-AR-SVMW07-95	Acetone
J293131	ST106-AR-SVEW05-445DUP	Trichlorofluoromethane and Ethylbenzene
J293138	ST106-AR-SVEW08-245	Chloromethane and Bromomethane

J. Analytical Exception:
Field duplicate results for ST106-AR-SVEW02-45 (J293133 and 34) did not match well. They were analyzed on two different instruments. In order to rule out an instrument issue, they were reanalyzed on the same instrument with similar results.

IV. Sampling Equipment Exceptions:
None.

V. Documentation Exceptions:
None.

VI. I certify that this data package is in compliance with the terms and conditions agreed to by the client and CH2M HILL, both technically and for completeness, except for the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designee, as verified by the following signature.

Prepared By: Angela Duppold Date: 11/3/10

Reviewed By: Date: 11/3/10

SAMPLE DATA SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE1 Lab Sample ID: J293101 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.57	63.0	3.57	126		U
Chloromethane	4.41	63.0	4.41	126		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	11.8	63.0	11.8	126		U
Vinyl chloride	5.12	63.0	5.12	126		U
Bromomethane	4.24	63.0	**247**	126		
Chloroethane	7.19	63.0	7.19	126		U
Trichlorofluoromethane	19.9	63.0	19.9	126		U
Acetone	22.6	126.0	**7250**	126		
1,1-DCE	13.2	63.0	13.2	126		U
Methylene chloride	15.6	315.0	15.6	126		U
1,1,2-Trichloro-1,2,2-trifluoroethane	9.28	63.0	9.28	126		U
MTBE (Methyl tert-Butyl Ether)	9.59	126.0	9.59	126		U
1,1-DCA	11.2	63.0	11.2	126		U
MEK (2-Butanone)	6.47	126.0	**237**	126		
cis-1,2-DCE	11.1	63.0	11.1	126		U
Chloroform	9.11	63.0	9.11	126		U
1,2-DCA	11.6	63.0	11.6	126		U
1,1,1-TCA	6.47	63.0	6.47	126		U
Carbon tetrachloride	4.58	63.0	4.58	126		U
Benzene	10.7	63.0	**7520**	126		B
1,2-Dichloropropane	10.7	63.0	10.7	126		U
TCE	15.7	63.0	15.7	126		U
cis-1,3-Dichloropropene	5.80	63.0	5.80	126		U
trans-1,3-Dichloropropene	4.58	63.0	4.58	126		U
1,1,2-TCA	10.2	63.0	10.2	126		U
Toluene	10.7	63.0	**6870**	126		
1,2-EDB	8.39	63.0	8.39	126		U
Tetrachloroethylene	7.54	63.0	7.54	126		U
Chlorobenzene	6.06	63.0	6.06	126		U
Ethylbenzene	7.83	63.0	**567**	126		
m,p-Xylene	16.3	63.0	**758**	126		
Styrene	8.78	63.0	**319**	126		
o-Xylene	8.39	63.0	**215**	126		
1,1,2,2-Tetrachloroethane	6.06	63.0	6.06	126		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE1 Lab Sample ID: J293101 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	9.39	63.0	**17.4**	126		F
1,2,4-Trimethylbenzene	7.39	63.0	**30.7**	126		F
1,3-DCB	9.28	63.0	9.28	126		U
1,4-DCB	12.0	63.0	12.0	126		U
1,2-DCB	11.3	63.0	11.3	126		U
1,2,4-Trichlorobenzene	12.5	63.0	12.5	126		U
Hexachlorobutadiene	9.15	63.0	9.15	126		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	110	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE2 Lab Sample ID: J293102 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.62	64.0	3.62	128		U
Chloromethane	4.48	64.0	**10.4**	128		F
1,2-Dichloro-1,1,2,2-tetrafluoroethane	12.0	64.0	12.0	128		U
Vinyl chloride	5.20	64.0	5.20	128		U
Bromomethane	4.30	64.0	**136**	128		
Chloroethane	7.30	64.0	7.30	128		U
Trichlorofluoromethane	20.2	64.0	20.2	128		U
Acetone	23.0	128.0	**1190**	128		
1,1-DCE	13.4	64.0	13.4	128		U
Methylene chloride	15.9	320.0	15.9	128		U
1,1,2-Trichloro-1,2,2-trifluoroethane	9.42	64.0	9.42	128		U
MTBE (Methyl tert-Butyl Ether)	9.74	128.0	9.74	128		U
1,1-DCA	11.4	64.0	11.4	128		U
MEK (2-Butanone)	6.58	128.0	**26.9**	128		F
cis-1,2-DCE	11.3	64.0	11.3	128		U
Chloroform	9.26	64.0	9.26	128		U
1,2-DCA	11.8	64.0	11.8	128		U
1,1,1-TCA	6.58	64.0	6.58	128		U
Carbon tetrachloride	4.65	64.0	4.65	128		U
Benzene	10.8	64.0	**8960**	128		B
1,2-Dichloropropane	10.8	64.0	10.8	128		U
TCE	15.9	64.0	15.9	128		U
cis-1,3-Dichloropropene	5.90	64.0	5.90	128		U
trans-1,3-Dichloropropene	4.65	64.0	4.65	128		U
1,1,2-TCA	10.3	64.0	10.3	128		U
Toluene	10.8	64.0	**3480**	128		
1,2-EDB	8.52	64.0	8.52	128		U
Tetrachloroethylene	7.66	64.0	7.66	128		U
Chlorobenzene	6.15	64.0	6.15	128		U
Ethylbenzene	7.96	64.0	**137**	128		
m,p-Xylene	16.6	64.0	**166**	128		
Styrene	8.92	64.0	**106**	128		
o-Xylene	8.52	64.0	**56.3**	128		F
1,1,2,2-Tetrachloroethane	6.15	64.0	6.15	128		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE2 Lab Sample ID: J293102 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	9.54	64.0	9.54	128		U
1,2,4-Trimethylbenzene	7.51	64.0	7.51	128		U
1,3-DCB	9.42	64.0	9.42	128		U
1,4-DCB	12.2	64.0	12.2	128		U
1,2-DCB	11.5	64.0	11.5	128		U
1,2,4-Trichlorobenzene	12.7	64.0	12.7	128		U
Hexachlorobutadiene	9.30	64.0	9.30	128		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	106	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066INLET Lab Sample ID: J293103 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	280	4940.0	280	9880		U
Chloromethane	346	4940.0	346	9880		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	928	4940.0	928	9880		U
Vinyl chloride	401	4940.0	401	9880		U
Bromomethane	332	4940.0	332	9880		U
Chloroethane	564	4940.0	564	9880		U
Trichlorofluoromethane	1560	4940.0	1560	9880		U
Acetone	1780	9880.0	**27100**	9880		
1,1-DCE	1040	4940.0	1040	9880		U
Methylene chloride	1230	24700.0	1230	9880		U
1,1,2-Trichloro-1,2,2-trifluoroethane	727	4940.0	727	9880		U
MTBE (Methyl tert-Butyl Ether)	752	9880.0	752	9880		U
1,1-DCA	879	4940.0	879	9880		U
MEK (2-Butanone)	508	9880.0	508	9880		U
cis-1,2-DCE	869	4940.0	869	9880		U
Chloroform	715	4940.0	715	9880		U
1,2-DCA	913	4940.0	913	9880		U
1,1,1-TCA	508	4940.0	508	9880		U
Carbon tetrachloride	359	4940.0	359	9880		U
Benzene	836	4940.0	**241000**	9880		B
1,2-Dichloropropane	836	4940.0	836	9880		U
TCE	1230	4940.0	1230	9880		U
cis-1,3-Dichloropropene	455	4940.0	455	9880		U
trans-1,3-Dichloropropene	359	4940.0	359	9880		U
1,1,2-TCA	797	4940.0	797	9880		U
Toluene	836	4940.0	**791000**	9880		
1,2-EDB	658	4940.0	**1880**	9880		F
Tetrachloroethylene	591	4940.0	591	9880		U
Chlorobenzene	475	4940.0	475	9880		U
Ethylbenzene	614	4940.0	**58900**	9880		
m,p-Xylene	1280	4940.0	**209000**	9880		
Styrene	688	4940.0	688	9880		U
o-Xylene	658	4940.0	**69200**	9880		
1,1,2,2-Tetrachloroethane	475	4940.0	475	9880		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066INLET Lab Sample ID: J293103 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	737	4940.0	**10300**	9880		
1,2,4-Trimethylbenzene	579	4940.0	**20800**	9880		
1,3-DCB	727	4940.0	727	9880		U
1,4-DCB	940	4940.0	940	9880		U
1,2-DCB	887	4940.0	887	9880		U
1,2,4-Trichlorobenzene	981	4940.0	981	9880		U
Hexachlorobutadiene	718	4940.0	718	9880		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	60-140	
4-Bromofluorobenzene	111	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE1 Lab Sample ID: J293104 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.76	66.5	3.76	133		U
Chloromethane	4.66	66.5	4.66	133		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	12.5	66.5	12.5	133		U
Vinyl chloride	5.40	66.5	5.40	133		U
Bromomethane	4.47	66.5	**98.2**	133		
Chloroethane	7.59	66.5	7.59	133		U
Trichlorofluoromethane	21.0	66.5	21.0	133		U
Acetone	23.9	133.0	**1420**	133		
1,1-DCE	14.0	66.5	14.0	133		U
Methylene chloride	16.5	332.5	16.5	133		U
1,1,2-Trichloro-1,2,2-trifluoroethane	9.79	66.5	9.79	133		U
MTBE (Methyl tert-Butyl Ether)	10.1	133.0	10.1	133		U
1,1-DCA	11.8	66.5	11.8	133		U
MEK (2-Butanone)	6.83	133.0	**77.7**	133		F
cis-1,2-DCE	11.7	66.5	11.7	133		U
Chloroform	9.62	66.5	9.62	133		U
1,2-DCA	12.3	66.5	12.3	133		U
1,1,1-TCA	6.83	66.5	6.83	133		U
Carbon tetrachloride	4.83	66.5	4.83	133		U
Benzene	11.3	66.5	**9010**	133		B
1,2-Dichloropropane	11.3	66.5	11.3	133		U
TCE	16.5	66.5	16.5	133		U
cis-1,3-Dichloropropene	6.13	66.5	6.13	133		U
trans-1,3-Dichloropropene	4.83	66.5	4.83	133		U
1,1,2-TCA	10.7	66.5	10.7	133		U
Toluene	11.3	66.5	**6230**	133		
1,2-EDB	8.85	66.5	8.85	133		U
Tetrachloroethylene	7.96	66.5	7.96	133		U
Chlorobenzene	6.39	66.5	6.39	133		U
Ethylbenzene	8.27	66.5	**343**	133		
m,p-Xylene	17.2	66.5	**673**	133		
Styrene	9.27	66.5	**92.5**	133		
o-Xylene	8.85	66.5	**212**	133		
1,1,2,2-Tetrachloroethane	6.39	66.5	6.39	133		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE1 Lab Sample ID: J293104 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	9.92	66.5	**15.5**	133		F
1,2,4-Trimethylbenzene	7.80	66.5	**19.0**	133		F
1,3-DCB	9.79	66.5	9.79	133		U
1,4-DCB	12.7	66.5	12.7	133		U
1,2-DCB	11.9	66.5	11.9	133		U
1,2,4-Trichlorobenzene	13.2	66.5	13.2	133		U
Hexachlorobutadiene	9.66	66.5	9.66	133		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	111	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE2 Lab Sample ID: J293105 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	10.6	187.5	10.6	375		U
Chloromethane	13.1	187.5	13.1	375		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	35.2	187.5	35.2	375		U
Vinyl chloride	15.2	187.5	15.2	375		U
Bromomethane	12.6	187.5	**140**	375		F
Chloroethane	21.4	187.5	21.4	375		U
Trichlorofluoromethane	59.1	187.5	59.1	375		U
Acetone	67.4	375.0	**711**	375		
1,1-DCE	39.4	187.5	39.4	375		U
Methylene chloride	46.5	937.5	46.5	375		U
1,1,2-Trichloro-1,2,2-trifluoroethane	27.6	187.5	27.6	375		U
MTBE (Methyl tert-Butyl Ether)	28.5	375.0	28.5	375		U
1,1-DCA	33.4	187.5	33.4	375		U
MEK (2-Butanone)	19.3	375.0	19.3	375		U
cis-1,2-DCE	33.0	187.5	33.0	375		U
Chloroform	27.1	187.5	27.1	375		U
1,2-DCA	34.6	187.5	34.6	375		U
1,1,1-TCA	19.3	187.5	19.3	375		U
Carbon tetrachloride	13.6	187.5	13.6	375		U
Benzene	31.7	187.5	**26800**	375		
1,2-Dichloropropane	31.7	187.5	31.7	375		U
TCE	46.6	187.5	46.6	375		U
cis-1,3-Dichloropropene	17.3	187.5	17.3	375		U
trans-1,3-Dichloropropene	13.6	187.5	13.6	375		U
1,1,2-TCA	30.2	187.5	30.2	375		U
Toluene	31.7	187.5	**5740**	375		
1,2-EDB	25.0	187.5	25.0	375		U
Tetrachloroethylene	22.4	187.5	22.4	375		U
Chlorobenzene	18.0	187.5	18.0	375		U
Ethylbenzene	23.3	187.5	**117**	375		F
m,p-Xylene	48.6	187.5	**693**	375		
Styrene	26.1	187.5	**136**	375		F
o-Xylene	25.0	187.5	**297**	375		
1,1,2,2-Tetrachloroethane	18.0	187.5	**265**	375		

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE2 Lab Sample ID: J293105 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	28.0	187.5	28.0	375		U
1,2,4-Trimethylbenzene	22.0	187.5	**31.3**	375		F
1,3-DCB	27.6	187.5	27.6	375		U
1,4-DCB	35.7	187.5	35.7	375		U
1,2-DCB	33.7	187.5	33.7	375		U
1,2,4-Trichlorobenzene	37.2	187.5	37.2	375		U
Hexachlorobutadiene	27.2	187.5	27.2	375		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	60-140	
4-Bromofluorobenzene	108	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068INLET Lab Sample ID: J293106 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	126	2220.0	126	4440		U
Chloromethane	155	2220.0	155	4440		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	417	2220.0	417	4440		U
Vinyl chloride	180	2220.0	180	4440		U
Bromomethane	149	2220.0	149	4440		U
Chloroethane	253	2220.0	253	4440		U
Trichlorofluoromethane	700	2220.0	700	4440		U
Acetone	798	4440.0	**9870**	4440		
1,1-DCE	466	2220.0	466	4440		U
Methylene chloride	551	11100.0	551	4440		U
1,1,2-Trichloro-1,2,2-trifluoroethane	327	2220.0	327	4440		U
MTBE (Methyl tert-Butyl Ether)	338	4440.0	338	4440		U
1,1-DCA	395	2220.0	395	4440		U
MEK (2-Butanone)	228	4440.0	228	4440		U
cis-1,2-DCE	390	2220.0	390	4440		U
Chloroform	321	2220.0	321	4440		U
1,2-DCA	410	2220.0	410	4440		U
1,1,1-TCA	228	2220.0	228	4440		U
Carbon tetrachloride	161	2220.0	161	4440		U
Benzene	376	2220.0	**115000**	4440		B
1,2-Dichloropropane	376	2220.0	376	4440		U
TCE	552	2220.0	552	4440		U
cis-1,3-Dichloropropene	205	2220.0	205	4440		U
trans-1,3-Dichloropropene	161	2220.0	161	4440		U
1,1,2-TCA	358	2220.0	358	4440		U
Toluene	376	2220.0	**267000**	4440		
1,2-EDB	296	2220.0	**360**	4440		F
Tetrachloroethylene	266	2220.0	266	4440		U
Chlorobenzene	213	2220.0	213	4440		U
Ethylbenzene	276	2220.0	**16700**	4440		
m,p-Xylene	575	2220.0	**48000**	4440		
Styrene	309	2220.0	309	4440		U
o-Xylene	296	2220.0	**13600**	4440		
1,1,2,2-Tetrachloroethane	213	2220.0	213	4440		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068INLET Lab Sample ID: J293106 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	331	2220.0	**2040**	4440		F
1,2,4-Trimethylbenzene	260	2220.0	**4120**	4440		
1,3-DCB	327	2220.0	327	4440		U
1,4-DCB	422	2220.0	422	4440		U
1,2-DCB	399	2220.0	399	4440		U
1,2,4-Trichlorobenzene	441	2220.0	441	4440		U
Hexachlorobutadiene	323	2220.0	323	4440		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	108	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065INLET Lab Sample ID: J293107 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 23 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	49.2	870.0	49.2	1740		U
Chloromethane	60.9	870.0	60.9	1740		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	163	870.0	163	1740		U
Vinyl chloride	70.7	870.0	70.7	1740		U
Bromomethane	58.5	870.0	58.5	1740		U
Chloroethane	99.2	870.0	99.2	1740		U
Trichlorofluoromethane	274	870.0	274	1740		U
Acetone	313	1740.0	**1020**	1740		F
1,1-DCE	183	870.0	183	1740		U
Methylene chloride	216	4350.0	216	1740		U
1,1,2-Trichloro-1,2,2-trifluoroethane	128	870.0	128	1740		U
MTBE (Methyl tert-Butyl Ether)	132	1740.0	132	1740		U
1,1-DCA	155	870.0	155	1740		U
MEK (2-Butanone)	89.4	1740.0	89.4	1740		U
cis-1,2-DCE	153	870.0	153	1740		U
Chloroform	126	870.0	126	1740		U
1,2-DCA	161	870.0	161	1740		U
1,1,1-TCA	89.4	870.0	89.4	1740		U
Carbon tetrachloride	63.2	870.0	63.2	1740		U
Benzene	147	870.0	**47000**	1740		
1,2-Dichloropropane	147	870.0	147	1740		U
TCE	216	870.0	216	1740		U
cis-1,3-Dichloropropene	80.1	870.0	80.1	1740		U
trans-1,3-Dichloropropene	63.2	870.0	63.2	1740		U
1,1,2-TCA	140	870.0	140	1740		U
Toluene	147	870.0	**117000**	1740		
1,2-EDB	116	870.0	**159**	1740		F
Tetrachloroethylene	104	870.0	104	1740		U
Chlorobenzene	83.6	870.0	83.6	1740		U
Ethylbenzene	108	870.0	**8750**	1740		
m,p-Xylene	225	870.0	**30400**	1740		
Styrene	121	870.0	121	1740		U
o-Xylene	116	870.0	**9080**	1740		
1,1,2,2-Tetrachloroethane	83.6	870.0	83.6	1740		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065INLET Lab Sample ID: J293107 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 23 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	130	870.0	**2000**	1740		
1,2,4-Trimethylbenzene	102	870.0	**3890**	1740		
1,3-DCB	128	870.0	128	1740		U
1,4-DCB	166	870.0	166	1740		U
1,2-DCB	156	870.0	156	1740		U
1,2,4-Trichlorobenzene	173	870.0	173	1740		U
Hexachlorobutadiene	126	870.0	126	1740		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	100	60-140	
4-Bromofluorobenzene	109	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065POSTE2 Lab Sample ID: J293108 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	11.9	210.5	11.9	421		U
Chloromethane	14.7	210.5	14.7	421		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	39.5	210.5	39.5	421		U
Vinyl chloride	17.1	210.5	17.1	421		U
Bromomethane	14.2	210.5	14.2	421		U
Chloroethane	24.0	210.5	24.0	421		U
Trichlorofluoromethane	66.4	210.5	66.4	421		U
Acetone	75.7	421.0	**235**	421		F
1,1-DCE	44.2	210.5	44.2	421		U
Methylene chloride	52.2	1052.5	52.2	421		U
1,1,2-Trichloro-1,2,2-trifluoroethane	31.0	210.5	31.0	421		U
MTBE (Methyl tert-Butyl Ether)	32.0	421.0	32.0	421		U
1,1-DCA	37.5	210.5	37.5	421		U
MEK (2-Butanone)	21.6	421.0	21.6	421		U
cis-1,2-DCE	37.0	210.5	37.0	421		U
Chloroform	30.5	210.5	30.5	421		U
1,2-DCA	38.9	210.5	38.9	421		U
1,1,1-TCA	21.6	210.5	21.6	421		U
Carbon tetrachloride	15.3	210.5	15.3	421		U
Benzene	35.6	210.5	**24900**	421		B
1,2-Dichloropropane	35.6	210.5	35.6	421		U
TCE	52.3	210.5	52.3	421		U
cis-1,3-Dichloropropene	19.4	210.5	19.4	421		U
trans-1,3-Dichloropropene	15.3	210.5	15.3	421		U
1,1,2-TCA	33.9	210.5	33.9	421		U
Toluene	35.6	210.5	**1790**	421		
1,2-EDB	28.0	210.5	28.0	421		U
Tetrachloroethylene	25.2	210.5	25.2	421		U
Chlorobenzene	20.2	210.5	20.2	421		U
Ethylbenzene	26.2	210.5	**64.5**	421		F
m,p-Xylene	54.5	210.5	**203**	421		F
Styrene	29.3	210.5	**53.3**	421		F
o-Xylene	28.0	210.5	**83.5**	421		F
1,1,2,2-Tetrachloroethane	20.2	210.5	20.2	421		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065POSTE2 Lab Sample ID: J293108 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	31.4	210.5	31.4	421		U
1,2,4-Trimethylbenzene	24.7	210.5	24.7	421		U
1,3-DCB	31.0	210.5	31.0	421		U
1,4-DCB	40.1	210.5	40.1	421		U
1,2-DCB	37.8	210.5	37.8	421		U
1,2,4-Trichlorobenzene	41.8	210.5	41.8	421		U
Hexachlorobutadiene	30.6	210.5	30.6	421		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	105	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE1 Lab Sample ID: J293109 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.08	1.4	**0.34**	2.78		F
Chloromethane	0.10	1.4	**1.34**	2.78		F
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.26	1.4	0.26	2.78		U
Vinyl chloride	0.11	1.4	0.11	2.78		U
Bromomethane	0.09	1.4	**13.1**	2.78		
Chloroethane	0.16	1.4	0.16	2.78		U
Trichlorofluoromethane	0.44	1.4	0.44	2.78		U
Acetone	0.50	2.8	**54.9**	2.78		
1,1-DCE	0.29	1.4	0.29	2.78		U
Methylene chloride	0.35	7.0	0.35	2.78		U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.21	1.4	0.21	2.78		U
MTBE (Methyl tert-Butyl Ether)	0.21	2.8	0.21	2.78		U
1,1-DCA	0.25	1.4	0.25	2.78		U
MEK (2-Butanone)	0.14	2.8	**0.74**	2.78		F
cis-1,2-DCE	0.24	1.4	**2.11**	2.78		
Chloroform	0.20	1.4	0.20	2.78		U
1,2-DCA	0.26	1.4	0.26	2.78		U
1,1,1-TCA	0.14	1.4	0.14	2.78		U
Carbon tetrachloride	0.10	1.4	0.10	2.78		U
Benzene	0.24	1.4	0.24	2.78		U
1,2-Dichloropropane	0.24	1.4	0.24	2.78		U
TCE	0.35	1.4	0.35	2.78		U
cis-1,3-Dichloropropene	0.13	1.4	0.13	2.78		U
trans-1,3-Dichloropropene	0.10	1.4	0.10	2.78		U
1,1,2-TCA	0.22	1.4	0.22	2.78		U
Toluene	0.24	1.4	**51.4**	2.78		
1,2-EDB	0.19	1.4	**0.34**	2.78		F
Tetrachloroethylene	0.17	1.4	**0.18**	2.78		F
Chlorobenzene	0.13	1.4	0.13	2.78		U
Ethylbenzene	0.17	1.4	**7.77**	2.78		
m,p-Xylene	0.36	1.4	**16.6**	2.78		
Styrene	0.19	1.4	**2.36**	2.78		
o-Xylene	0.19	1.4	**4.66**	2.78		
1,1,2,2-Tetrachloroethane	0.13	1.4	0.13	2.78		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE1 Lab Sample ID: J293109 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	0.21	1.4	**1.31**	2.78		F
1,2,4-Trimethylbenzene	0.16	1.4	**3.67**	2.78		
1,3-DCB	0.21	1.4	0.21	2.78		U
1,4-DCB	0.26	1.4	**0.48**	2.78		F
1,2-DCB	0.25	1.4	0.25	2.78		U
1,2,4-Trichlorobenzene	0.28	1.4	**0.29**	2.78		F
Hexachlorobutadiene	0.20	1.4	0.20	2.78		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	60-140	
4-Bromofluorobenzene	114	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE2 Lab Sample ID: J293110 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	12.8	226.0	12.8	452		U
Chloromethane	15.8	226.0	15.8	452		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	42.4	226.0	42.4	452		U
Vinyl chloride	18.4	226.0	18.4	452		U
Bromomethane	15.2	226.0	**166**	452		F
Chloroethane	25.8	226.0	25.8	452		U
Trichlorofluoromethane	71.3	226.0	71.3	452		U
Acetone	81.2	452.0	**30300**	452		
1,1-DCE	47.5	226.0	47.5	452		U
Methylene chloride	56.1	1130.0	56.1	452		U
1,1,2-Trichloro-1,2,2-trifluoroethane	33.3	226.0	33.3	452		U
MTBE (Methyl tert-Butyl Ether)	34.4	452.0	34.4	452		U
1,1-DCA	40.2	226.0	40.2	452		U
MEK (2-Butanone)	23.2	452.0	**3160**	452		
cis-1,2-DCE	39.7	226.0	39.7	452		U
Chloroform	32.7	226.0	32.7	452		U
1,2-DCA	41.8	226.0	41.8	452		U
1,1,1-TCA	23.2	226.0	23.2	452		U
Carbon tetrachloride	16.4	226.0	16.4	452		U
Benzene	38.3	226.0	**17700**	452		B
1,2-Dichloropropane	38.3	226.0	38.3	452		U
TCE	56.2	226.0	56.2	452		U
cis-1,3-Dichloropropene	20.8	226.0	20.8	452		U
trans-1,3-Dichloropropene	16.4	226.0	16.4	452		U
1,1,2-TCA	36.4	226.0	36.4	452		U
Toluene	38.3	226.0	**22100**	452		
1,2-EDB	30.1	226.0	30.1	452		U
Tetrachloroethylene	27.0	226.0	27.0	452		U
Chlorobenzene	21.7	226.0	21.7	452		U
Ethylbenzene	28.1	226.0	**2240**	452		
m,p-Xylene	58.5	226.0	**3270**	452		
Styrene	31.5	226.0	**899**	452		
o-Xylene	30.1	226.0	**919**	452		
1,1,2,2-Tetrachloroethane	21.7	226.0	21.7	452		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE2 Lab Sample ID: J293110 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	33.7	226.0	**122**	452		F
1,2,4-Trimethylbenzene	26.5	226.0	**297**	452		
1,3-DCB	33.3	226.0	33.3	452		U
1,4-DCB	43.0	226.0	43.0	452		U
1,2-DCB	40.6	226.0	40.6	452		U
1,2,4-Trichlorobenzene	44.9	226.0	44.9	452		U
Hexachlorobutadiene	32.8	226.0	32.8	452		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	116	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106INLET Lab Sample ID: J293111 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	306	5400.0	306	10800		U
Chloromethane	378	5400.0	378	10800		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1010	5400.0	1010	10800		U
Vinyl chloride	439	5400.0	439	10800		U
Bromomethane	363	5400.0	363	10800		U
Chloroethane	616	5400.0	616	10800		U
Trichlorofluoromethane	1700	5400.0	1700	10800		U
Acetone	1940	10800.0	**832000**	10800		
1,1-DCE	1130	5400.0	1130	10800		U
Methylene chloride	1340	27000.0	1340	10800		U
1,1,2-Trichloro-1,2,2-trifluoroethane	795	5400.0	795	10800		U
MTBE (Methyl tert-Butyl Ether)	822	10800.0	822	10800		U
1,1-DCA	961	5400.0	961	10800		U
MEK (2-Butanone)	555	10800.0	**108000**	10800		
cis-1,2-DCE	950	5400.0	950	10800		U
Chloroform	781	5400.0	781	10800		U
1,2-DCA	998	5400.0	998	10800		U
1,1,1-TCA	555	5400.0	555	10800		U
Carbon tetrachloride	392	5400.0	392	10800		U
Benzene	914	5400.0	**208000**	10800		B
1,2-Dichloropropane	914	5400.0	914	10800		U
TCE	1340	5400.0	1340	10800		U
cis-1,3-Dichloropropene	497	5400.0	497	10800		U
trans-1,3-Dichloropropene	392	5400.0	392	10800		U
1,1,2-TCA	871	5400.0	871	10800		U
Toluene	914	5400.0	**697000**	10800		
1,2-EDB	719	5400.0	**1350**	10800		F
Tetrachloroethylene	646	5400.0	646	10800		U
Chlorobenzene	519	5400.0	519	10800		U
Ethylbenzene	671	5400.0	**59300**	10800		
m,p-Xylene	1400	5400.0	**196000**	10800		
Styrene	753	5400.0	753	10800		U
o-Xylene	719	5400.0	**68200**	10800		
1,1,2,2-Tetrachloroethane	519	5400.0	519	10800		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106INLET Lab Sample ID: J293111 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	805	5400.0	**15700**	10800		
1,2,4-Trimethylbenzene	633	5400.0	**54700**	10800		
1,3-DCB	795	5400.0	795	10800		U
1,4-DCB	1030	5400.0	1030	10800		U
1,2-DCB	970	5400.0	970	10800		U
1,2,4-Trichlorobenzene	1070	5400.0	1070	10800		U
Hexachlorobutadiene	785	5400.0	785	10800		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	115	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-150 Lab Sample ID: J293112 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1.57	27.8	1.57	55.5		U
Chloromethane	1.94	27.8	1.94	55.5		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.21	27.8	5.21	55.5		U
Vinyl chloride	2.25	27.8	2.25	55.5		U
Bromomethane	1.87	27.8	1.87	55.5		U
Chloroethane	3.17	27.8	3.17	55.5		U
Trichlorofluoromethane	8.75	27.8	8.75	55.5		U
Acetone	9.97	55.5	**248**	55.5		
1,1-DCE	5.83	27.8	5.83	55.5		U
Methylene chloride	6.89	138.8	6.89	55.5		U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.09	27.8	4.09	55.5		U
MTBE (Methyl tert-Butyl Ether)	4.22	55.5	4.22	55.5		U
1,1-DCA	4.94	27.8	4.94	55.5		U
MEK (2-Butanone)	2.85	55.5	**83.3**	55.5		
cis-1,2-DCE	4.88	27.8	4.88	55.5		U
Chloroform	4.01	27.8	4.01	55.5		U
1,2-DCA	5.13	27.8	5.13	55.5		U
1,1,1-TCA	2.85	27.8	2.85	55.5		U
Carbon tetrachloride	2.02	27.8	2.02	55.5		U
Benzene	4.70	27.8	**226**	55.5		B
1,2-Dichloropropane	4.70	27.8	4.70	55.5		U
TCE	6.90	27.8	6.90	55.5		U
cis-1,3-Dichloropropene	2.56	27.8	2.56	55.5		U
trans-1,3-Dichloropropene	2.02	27.8	2.02	55.5		U
1,1,2-TCA	4.47	27.8	4.47	55.5		U
Toluene	4.70	27.8	**1550**	55.5		
1,2-EDB	3.69	27.8	**6.81**	55.5		F
Tetrachloroethylene	3.32	27.8	3.32	55.5		U
Chlorobenzene	2.67	27.8	2.67	55.5		U
Ethylbenzene	3.45	27.8	**195**	55.5		
m,p-Xylene	7.19	27.8	**653**	55.5		
Styrene	3.87	27.8	3.87	55.5		U
o-Xylene	3.69	27.8	**222**	55.5		
1,1,2,2-Tetrachloroethane	2.67	27.8	2.67	55.5		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-150 Lab Sample ID: J293112 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.14	27.8	**51.0**	55.5		
1,2,4-Trimethylbenzene	3.25	27.8	**139**	55.5		
1,3-DCB	4.09	27.8	4.09	55.5		U
1,4-DCB	5.28	27.8	5.28	55.5		U
1,2-DCB	4.98	27.8	4.98	55.5		U
1,2,4-Trichlorobenzene	5.51	27.8	5.51	55.5		U
Hexachlorobutadiene	4.03	27.8	4.03	55.5		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	60-140	
4-Bromofluorobenzene	116	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-250 Lab Sample ID: J293113 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.07	1.3	**0.49**	2.5		F
Chloromethane	0.09	1.3	**2.43**	2.5		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.24	1.3	0.24	2.5		U
Vinyl chloride	0.10	1.3	**0.34**	2.5		F
Bromomethane	0.08	1.3	0.08	2.5		U
Chloroethane	0.14	1.3	0.14	2.5		U
Trichlorofluoromethane	0.39	1.3	**0.43**	2.5		F
Acetone	0.45	2.5	**70.0**	2.5		B
1,1-DCE	0.26	1.3	0.26	2.5		U
Methylene chloride	0.31	6.3	0.31	2.5		U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.18	1.3	0.18	2.5		U
MTBE (Methyl tert-Butyl Ether)	0.19	2.5	0.19	2.5		U
1,1-DCA	0.22	1.3	0.22	2.5		U
MEK (2-Butanone)	0.13	2.5	**8.64**	2.5		
cis-1,2-DCE	0.22	1.3	0.22	2.5		U
Chloroform	0.18	1.3	**0.36**	2.5		F
1,2-DCA	0.23	1.3	0.23	2.5		U
1,1,1-TCA	0.13	1.3	0.13	2.5		U
Carbon tetrachloride	0.09	1.3	0.09	2.5		U
Benzene	0.21	1.3	**8.01**	2.5		
1,2-Dichloropropane	0.21	1.3	0.21	2.5		U
TCE	0.31	1.3	0.31	2.5		U
cis-1,3-Dichloropropene	0.12	1.3	0.12	2.5		U
trans-1,3-Dichloropropene	0.09	1.3	0.09	2.5		U
1,1,2-TCA	0.20	1.3	0.20	2.5		U
Toluene	0.21	1.3	**83.7**	2.5		
1,2-EDB	0.17	1.3	**0.68**	2.5		F
Tetrachloroethylene	0.15	1.3	**0.45**	2.5		F
Chlorobenzene	0.12	1.3	0.12	2.5		U
Ethylbenzene	0.16	1.3	**16.6**	2.5		
m,p-Xylene	0.32	1.3	**59.9**	2.5		
Styrene	0.17	1.3	0.17	2.5		U
o-Xylene	0.17	1.3	**22.8**	2.5		
1,1,2,2-Tetrachloroethane	0.12	1.3	0.12	2.5		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-250 Lab Sample ID: J293113 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	0.19	1.3	**7.40**	2.5		
1,2,4-Trimethylbenzene	0.15	1.3	**26.1**	2.5		
1,3-DCB	0.18	1.3	0.18	2.5		U
1,4-DCB	0.24	1.3	0.24	2.5		U
1,2-DCB	0.22	1.3	0.22	2.5		U
1,2,4-Trichlorobenzene	0.25	1.3	0.25	2.5		U
Hexachlorobutadiene	0.18	1.3	0.18	2.5		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	60-140	
4-Bromofluorobenzene	118	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-350 Lab Sample ID: J293114 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.71	12.6	0.71	25.1		U
Chloromethane	0.88	12.6	0.88	25.1		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.36	12.6	2.36	25.1		U
Vinyl chloride	1.02	12.6	1.02	25.1		U
Bromomethane	0.84	12.6	0.84	25.1		U
Chloroethane	1.43	12.6	1.43	25.1		U
Trichlorofluoromethane	3.96	12.6	3.96	25.1		U
Acetone	4.51	25.1	**83.6**	25.1		B
1,1-DCE	2.64	12.6	2.64	25.1		U
Methylene chloride	3.11	62.8	3.11	25.1		U
1,1,2-Trichloro-1,2,2-trifluoroethane	1.85	12.6	1.85	25.1		U
MTBE (Methyl tert-Butyl Ether)	1.91	25.1	1.91	25.1		U
1,1-DCA	2.23	12.6	2.23	25.1		U
MEK (2-Butanone)	1.29	25.1	1.29	25.1		U
cis-1,2-DCE	2.21	12.6	2.21	25.1		U
Chloroform	1.82	12.6	1.82	25.1		U
1,2-DCA	2.32	12.6	2.32	25.1		U
1,1,1-TCA	1.29	12.6	1.29	25.1		U
Carbon tetrachloride	0.91	12.6	0.91	25.1		U
Benzene	2.12	12.6	**1050**	25.1		
1,2-Dichloropropane	2.12	12.6	2.12	25.1		U
TCE	3.12	12.6	3.12	25.1		U
cis-1,3-Dichloropropene	1.16	12.6	1.16	25.1		U
trans-1,3-Dichloropropene	0.91	12.6	0.91	25.1		U
1,1,2-TCA	2.02	12.6	2.02	25.1		U
Toluene	2.12	12.6	**1230**	25.1		
1,2-EDB	1.67	12.6	1.67	25.1		U
Tetrachloroethylene	1.50	12.6	1.50	25.1		U
Chlorobenzene	1.21	12.6	1.21	25.1		U
Ethylbenzene	1.56	12.6	**76.0**	25.1		
m,p-Xylene	3.25	12.6	**132**	25.1		
Styrene	1.75	12.6	1.75	25.1		U
o-Xylene	1.67	12.6	**19.3**	25.1		
1,1,2,2-Tetrachloroethane	1.21	12.6	1.21	25.1		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-350 Lab Sample ID: J293114 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	1.87	12.6	**4.56**	25.1		F
1,2,4-Trimethylbenzene	1.47	12.6	**7.94**	25.1		F
1,3-DCB	1.85	12.6	1.85	25.1		U
1,4-DCB	2.39	12.6	2.39	25.1		U
1,2-DCB	2.25	12.6	2.25	25.1		U
1,2,4-Trichlorobenzene	2.49	12.6	2.49	25.1		U
Hexachlorobutadiene	1.82	12.6	1.82	25.1		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	114	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450 Lab Sample ID: J293115 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1.89	33.5	1.89	66.9		U
Chloromethane	2.34	33.5	2.34	66.9		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	6.28	33.5	6.28	66.9		U
Vinyl chloride	2.72	33.5	2.72	66.9		U
Bromomethane	2.25	33.5	2.25	66.9		U
Chloroethane	3.82	33.5	3.82	66.9		U
Trichlorofluoromethane	10.6	33.5	10.6	66.9		U
Acetone	12.0	66.9	**87.5**	66.9		B
1,1-DCE	7.02	33.5	7.02	66.9		U
Methylene chloride	8.30	167.3	8.30	66.9		U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.93	33.5	4.93	66.9		U
MTBE (Methyl tert-Butyl Ether)	5.09	66.9	5.09	66.9		U
1,1-DCA	5.95	33.5	5.95	66.9		U
MEK (2-Butanone)	3.44	66.9	3.44	66.9		U
cis-1,2-DCE	5.88	33.5	5.88	66.9		U
Chloroform	4.84	33.5	4.84	66.9		U
1,2-DCA	6.18	33.5	6.18	66.9		U
1,1,1-TCA	3.44	33.5	3.44	66.9		U
Carbon tetrachloride	2.43	33.5	2.43	66.9		U
Benzene	5.66	33.5	**1220**	66.9		
1,2-Dichloropropane	5.66	33.5	5.66	66.9		U
TCE	8.32	33.5	8.32	66.9		U
cis-1,3-Dichloropropene	3.08	33.5	3.08	66.9		U
trans-1,3-Dichloropropene	2.43	33.5	2.43	66.9		U
1,1,2-TCA	5.39	33.5	5.39	66.9		U
Toluene	5.66	33.5	**2230**	66.9		
1,2-EDB	4.45	33.5	4.45	66.9		U
Tetrachloroethylene	4.00	33.5	4.00	66.9		U
Chlorobenzene	3.22	33.5	3.22	66.9		U
Ethylbenzene	4.16	33.5	**209**	66.9		
m,p-Xylene	8.66	33.5	**275**	66.9		
Styrene	4.66	33.5	4.66	66.9		U
o-Xylene	4.45	33.5	**34.0**	66.9		
1,1,2,2-Tetrachloroethane	3.22	33.5	3.22	66.9		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450 Lab Sample ID: J293115 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.99	33.5	**8.58**	66.9		F
1,2,4-Trimethylbenzene	3.92	33.5	**7.93**	66.9		F
1,3-DCB	4.93	33.5	4.93	66.9		U
1,4-DCB	6.36	33.5	6.36	66.9		U
1,2-DCB	6.01	33.5	6.01	66.9		U
1,2,4-Trichlorobenzene	6.64	33.5	6.64	66.9		U
Hexachlorobutadiene	4.86	33.5	4.86	66.9		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	106	60-140	
4-Bromofluorobenzene	113	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450DUP Lab Sample ID: J293116 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1.75	31.0	1.75	61.9		U
Chloromethane	2.17	31.0	2.17	61.9		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.81	31.0	5.81	61.9		U
Vinyl chloride	2.51	31.0	2.51	61.9		U
Bromomethane	2.08	31.0	2.08	61.9		U
Chloroethane	3.53	31.0	3.53	61.9		U
Trichlorofluoromethane	9.76	31.0	9.76	61.9		U
Acetone	11.1	61.9	**75.5**	61.9		B
1,1-DCE	6.50	31.0	6.50	61.9		U
Methylene chloride	7.68	154.8	7.68	61.9		U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.56	31.0	4.56	61.9		U
MTBE (Methyl tert-Butyl Ether)	4.71	61.9	4.71	61.9		U
1,1-DCA	5.51	31.0	5.51	61.9		U
MEK (2-Butanone)	3.18	61.9	**79.5**	61.9		
cis-1,2-DCE	5.44	31.0	5.44	61.9		U
Chloroform	4.48	31.0	4.48	61.9		U
1,2-DCA	5.72	31.0	5.72	61.9		U
1,1,1-TCA	3.18	31.0	3.18	61.9		U
Carbon tetrachloride	2.25	31.0	2.25	61.9		U
Benzene	5.24	31.0	5.24	61.9		U
1,2-Dichloropropane	5.24	31.0	5.24	61.9		U
TCE	7.69	31.0	7.69	61.9		U
cis-1,3-Dichloropropene	2.85	31.0	2.85	61.9		U
trans-1,3-Dichloropropene	2.25	31.0	2.25	61.9		U
1,1,2-TCA	4.99	31.0	4.99	61.9		U
Toluene	5.24	31.0	**2750**	61.9		
1,2-EDB	4.12	31.0	4.12	61.9		U
Tetrachloroethylene	3.70	31.0	3.70	61.9		U
Chlorobenzene	2.98	31.0	2.98	61.9		U
Ethylbenzene	3.85	31.0	**275**	61.9		
m,p-Xylene	8.02	31.0	**381**	61.9		
Styrene	4.31	31.0	4.31	61.9		U
o-Xylene	4.12	31.0	**47.7**	61.9		
1,1,2,2-Tetrachloroethane	2.98	31.0	2.98	61.9		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450DUP Lab Sample ID: J293116 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.62	31.0	**13.3**	61.9		F
1,2,4-Trimethylbenzene	3.63	31.0	**17.6**	61.9		F
1,3-DCB	4.56	31.0	4.56	61.9		U
1,4-DCB	5.89	31.0	5.89	61.9		U
1,2-DCB	5.56	31.0	5.56	61.9		U
1,2,4-Trichlorobenzene	6.14	31.0	6.14	61.9		U
Hexachlorobutadiene	4.50	31.0	4.50	61.9		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	60-140	
4-Bromofluorobenzene	115	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-150 Lab Sample ID: J293117 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.20	3.5	**1.10**	7.05		F
Chloromethane	0.25	3.5	**1.58**	7.05		F
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.66	3.5	0.66	7.05		U
Vinyl chloride	0.29	3.5	0.29	7.05		U
Bromomethane	0.24	3.5	0.24	7.05		U
Chloroethane	0.40	3.5	0.40	7.05		U
Trichlorofluoromethane	1.11	3.5	**1.56**	7.05		F
Acetone	1.27	7.1	**34.6**	7.05		
1,1-DCE	0.74	3.5	0.74	7.05		U
Methylene chloride	0.88	17.6	0.88	7.05		U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.52	3.5	**227**	7.05		
MTBE (Methyl tert-Butyl Ether)	0.54	7.1	0.54	7.05		U
1,1-DCA	0.63	3.5	0.63	7.05		U
MEK (2-Butanone)	0.36	7.1	**7.11**	7.05		
cis-1,2-DCE	0.62	3.5	0.62	7.05		U
Chloroform	0.51	3.5	**12.9**	7.05		
1,2-DCA	0.65	3.5	0.65	7.05		U
1,1,1-TCA	0.36	3.5	**2.02**	7.05		F
Carbon tetrachloride	0.26	3.5	**281**	7.05		
Benzene	0.60	3.5	**103**	7.05		B
1,2-Dichloropropane	0.60	3.5	0.60	7.05		U
TCE	0.88	3.5	**19.1**	7.05		
cis-1,3-Dichloropropene	0.33	3.5	0.33	7.05		U
trans-1,3-Dichloropropene	0.26	3.5	0.26	7.05		U
1,1,2-TCA	0.57	3.5	0.57	7.05		U
Toluene	0.60	3.5	**7.10**	7.05		
1,2-EDB	0.47	3.5	0.47	7.05		U
Tetrachloroethylene	0.42	3.5	**1.24**	7.05		F
Chlorobenzene	0.34	3.5	0.34	7.05		U
Ethylbenzene	0.44	3.5	**0.63**	7.05		F
m,p-Xylene	0.91	3.5	**1.91**	7.05		F
Styrene	0.49	3.5	0.49	7.05		U
o-Xylene	0.47	3.5	**0.73**	7.05		F
1,1,2,2-Tetrachloroethane	0.34	3.5	0.34	7.05		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-150 Lab Sample ID: J293117 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	0.53	3.5	0.53	7.05		U
1,2,4-Trimethylbenzene	0.41	3.5	1.00	7.05		F
1,3-DCB	0.52	3.5	0.52	7.05		U
1,4-DCB	0.67	3.5	0.67	7.05		U
1,2-DCB	0.63	3.5	0.63	7.05		U
1,2,4-Trichlorobenzene	0.70	3.5	0.70	7.05		U
Hexachlorobutadiene	0.51	3.5	0.51	7.05		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	109	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-250 Lab Sample ID: J293118 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1.49	26.3	1.49	52.5		U
Chloromethane	1.84	26.3	1.84	52.5		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4.93	26.3	4.93	52.5		U
Vinyl chloride	2.13	26.3	2.13	52.5		U
Bromomethane	1.77	26.3	1.77	52.5		U
Chloroethane	2.99	26.3	2.99	52.5		U
Trichlorofluoromethane	8.28	26.3	8.28	52.5		U
Acetone	9.43	52.5	**26.9**	52.5		F
1,1-DCE	5.51	26.3	5.51	52.5		U
Methylene chloride	6.52	131.3	6.52	52.5		U
1,1,2-Trichloro-1,2,2-trifluoroethane	3.87	26.3	**186**	52.5		
MTBE (Methyl tert-Butyl Ether)	4.00	52.5	4.00	52.5		U
1,1-DCA	4.67	26.3	4.67	52.5		U
MEK (2-Butanone)	2.70	52.5	2.70	52.5		U
cis-1,2-DCE	4.62	26.3	4.62	52.5		U
Chloroform	3.80	26.3	**15.8**	52.5		F
1,2-DCA	4.85	26.3	4.85	52.5		U
1,1,1-TCA	2.70	26.3	2.70	52.5		U
Carbon tetrachloride	1.91	26.3	**324**	52.5		
Benzene	4.44	26.3	**2760**	52.5		
1,2-Dichloropropane	4.44	26.3	4.44	52.5		U
TCE	6.53	26.3	6.53	52.5		U
cis-1,3-Dichloropropene	2.42	26.3	2.42	52.5		U
trans-1,3-Dichloropropene	1.91	26.3	1.91	52.5		U
1,1,2-TCA	4.23	26.3	4.23	52.5		U
Toluene	4.44	26.3	**4190**	52.5		
1,2-EDB	3.49	26.3	3.49	52.5		U
Tetrachloroethylene	3.14	26.3	3.14	52.5		U
Chlorobenzene	2.52	26.3	2.52	52.5		U
Ethylbenzene	3.26	26.3	**14.2**	52.5		F
m,p-Xylene	6.80	26.3	**26.1**	52.5		F
Styrene	3.66	26.3	3.66	52.5		U
o-Xylene	3.49	26.3	**74.2**	52.5		
1,1,2,2-Tetrachloroethane	2.52	26.3	2.52	52.5		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-250 Lab Sample ID: J293118 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	3.91	26.3	3.91	52.5		U
1,2,4-Trimethylbenzene	3.08	26.3	3.08	52.5		U
1,3-DCB	3.87	26.3	3.87	52.5		U
1,4-DCB	4.99	26.3	4.99	52.5		U
1,2-DCB	4.71	26.3	4.71	52.5		U
1,2,4-Trichlorobenzene	5.21	26.3	5.21	52.5		U
Hexachlorobutadiene	3.81	26.3	3.81	52.5		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	109	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-350 Lab Sample ID: J293119 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.44	7.8	0.44	15.6		U
Chloromethane	0.55	7.8	0.55	15.6		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.46	7.8	1.46	15.6		U
Vinyl chloride	0.63	7.8	0.63	15.6		U
Bromomethane	0.53	7.8	0.53	15.6		U
Chloroethane	0.89	7.8	0.89	15.6		U
Trichlorofluoromethane	2.46	7.8	2.46	15.6		U
Acetone	2.80	15.6	**11.4**	15.6		F
1,1-DCE	1.64	7.8	1.64	15.6		U
Methylene chloride	1.94	39.0	1.94	15.6		U
1,1,2-Trichloro-1,2,2-trifluoroethane	1.15	7.8	**10.6**	15.6		
MTBE (Methyl tert-Butyl Ether)	1.19	15.6	1.19	15.6		U
1,1-DCA	1.39	7.8	1.39	15.6		U
MEK (2-Butanone)	0.80	15.6	**6.08**	15.6		F
cis-1,2-DCE	1.37	7.8	1.37	15.6		U
Chloroform	1.13	7.8	1.13	15.6		U
1,2-DCA	1.44	7.8	1.44	15.6		U
1,1,1-TCA	0.80	7.8	0.80	15.6		U
Carbon tetrachloride	0.57	7.8	**45.3**	15.6		
Benzene	1.32	7.8	**467**	15.6		
1,2-Dichloropropane	1.32	7.8	1.32	15.6		U
TCE	1.94	7.8	1.94	15.6		U
cis-1,3-Dichloropropene	0.72	7.8	0.72	15.6		U
trans-1,3-Dichloropropene	0.57	7.8	0.57	15.6		U
1,1,2-TCA	1.26	7.8	1.26	15.6		U
Toluene	1.32	7.8	**501**	15.6		
1,2-EDB	1.04	7.8	1.04	15.6		U
Tetrachloroethylene	0.93	7.8	0.93	15.6		U
Chlorobenzene	0.75	7.8	0.75	15.6		U
Ethylbenzene	0.97	7.8	**12.9**	15.6		
m,p-Xylene	2.02	7.8	**51.1**	15.6		
Styrene	1.09	7.8	1.09	15.6		U
o-Xylene	1.04	7.8	**26.1**	15.6		
1,1,2,2-Tetrachloroethane	0.75	7.8	0.75	15.6		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-350 Lab Sample ID: J293119 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	1.16	7.8	**4.78**	15.6		F
1,2,4-Trimethylbenzene	0.92	7.8	**1.83**	15.6		F
1,3-DCB	1.15	7.8	1.15	15.6		U
1,4-DCB	1.48	7.8	1.48	15.6		U
1,2-DCB	1.40	7.8	1.40	15.6		U
1,2,4-Trichlorobenzene	1.55	7.8	1.55	15.6		U
Hexachlorobutadiene	1.13	7.8	1.13	15.6		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	113	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-450 Lab Sample ID: J293120 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	2.89	51.0	2.89	102		U
Chloromethane	3.57	51.0	3.57	102		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	9.58	51.0	9.58	102		U
Vinyl chloride	4.14	51.0	4.14	102		U
Bromomethane	3.43	51.0	3.43	102		U
Chloroethane	5.82	51.0	5.82	102		U
Trichlorofluoromethane	16.1	51.0	**16.2**	102		F
Acetone	18.3	102.0	18.3	102		U
1,1-DCE	10.7	51.0	10.7	102		U
Methylene chloride	12.7	255.0	12.7	102		U
1,1,2-Trichloro-1,2,2-trifluoroethane	7.51	51.0	7.51	102		U
MTBE (Methyl tert-Butyl Ether)	7.76	102.0	7.76	102		U
1,1-DCA	9.07	51.0	9.07	102		U
MEK (2-Butanone)	5.24	102.0	5.24	102		U
cis-1,2-DCE	8.97	51.0	8.97	102		U
Chloroform	7.38	51.0	7.38	102		U
1,2-DCA	9.42	51.0	9.42	102		U
1,1,1-TCA	5.24	51.0	5.24	102		U
Carbon tetrachloride	3.71	51.0	3.71	102		U
Benzene	8.63	51.0	8.63	102		U
1,2-Dichloropropane	8.63	51.0	8.63	102		U
TCE	12.7	51.0	12.7	102		U
cis-1,3-Dichloropropene	4.70	51.0	4.70	102		U
trans-1,3-Dichloropropene	3.71	51.0	3.71	102		U
1,1,2-TCA	8.22	51.0	8.22	102		U
Toluene	8.63	51.0	**34.3**	102		F
1,2-EDB	6.79	51.0	6.79	102		U
Tetrachloroethylene	6.10	51.0	6.10	102		U
Chlorobenzene	4.90	51.0	4.90	102		U
Ethylbenzene	6.34	51.0	6.34	102		U
m,p-Xylene	13.2	51.0	**15.8**	102		F
Styrene	7.11	51.0	7.11	102		U
o-Xylene	6.79	51.0	6.79	102		U
1,1,2,2-Tetrachloroethane	4.90	51.0	4.90	102		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-450 Lab Sample ID: J293120 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	7.61	51.0	7.61	102		U
1,2,4-Trimethylbenzene	5.98	51.0	7.43	102		F
1,3-DCB	7.51	51.0	7.51	102		U
1,4-DCB	9.70	51.0	9.70	102		U
1,2-DCB	9.16	51.0	9.16	102		U
1,2,4-Trichlorobenzene	10.1	51.0	10.1	102		U
Hexachlorobutadiene	7.41	51.0	7.41	102		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	111	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW12-400 Lab Sample ID: J293121 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.34	6.1	**0.58**	12.1		F
Chloromethane	0.42	6.1	0.42	12.1		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.14	6.1	1.14	12.1		U
Vinyl chloride	0.49	6.1	0.49	12.1		U
Bromomethane	0.41	6.1	0.41	12.1		U
Chloroethane	0.69	6.1	0.69	12.1		U
Trichlorofluoromethane	1.91	6.1	1.91	12.1		U
Acetone	2.17	12.1	**14.0**	12.1		B
1,1-DCE	1.27	6.1	1.27	12.1		U
Methylene chloride	1.50	30.3	1.50	12.1		U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.89	6.1	**4.44**	12.1		F
MTBE (Methyl tert-Butyl Ether)	0.92	12.1	0.92	12.1		U
1,1-DCA	1.08	6.1	1.08	12.1		U
MEK (2-Butanone)	0.62	12.1	0.62	12.1		U
cis-1,2-DCE	1.06	6.1	1.06	12.1		U
Chloroform	0.88	6.1	0.88	12.1		U
1,2-DCA	1.12	6.1	1.12	12.1		U
1,1,1-TCA	0.62	6.1	0.62	12.1		U
Carbon tetrachloride	0.44	6.1	**18.7**	12.1		
Benzene	1.02	6.1	**468**	12.1		
1,2-Dichloropropane	1.02	6.1	1.02	12.1		U
TCE	1.50	6.1	1.50	12.1		U
cis-1,3-Dichloropropene	0.56	6.1	0.56	12.1		U
trans-1,3-Dichloropropene	0.44	6.1	0.44	12.1		U
1,1,2-TCA	0.98	6.1	0.98	12.1		U
Toluene	1.02	6.1	**557**	12.1		
1,2-EDB	0.81	6.1	0.81	12.1		U
Tetrachloroethylene	0.72	6.1	0.72	12.1		U
Chlorobenzene	0.58	6.1	0.58	12.1		U
Ethylbenzene	0.75	6.1	**14.4**	12.1		
m,p-Xylene	1.57	6.1	**54.5**	12.1		
Styrene	0.84	6.1	0.84	12.1		U
o-Xylene	0.81	6.1	**24.8**	12.1		
1,1,2,2-Tetrachloroethane	0.58	6.1	0.58	12.1		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW12-400 Lab Sample ID: J293121 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	0.90	6.1	**2.19**	12.1		F
1,2,4-Trimethylbenzene	0.71	6.1	**1.25**	12.1		F
1,3-DCB	0.89	6.1	0.89	12.1		U
1,4-DCB	1.15	6.1	1.15	12.1		U
1,2-DCB	1.09	6.1	1.09	12.1		U
1,2,4-Trichlorobenzene	1.20	6.1	1.20	12.1		U
Hexachlorobutadiene	0.88	6.1	0.88	12.1		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	114	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-50 Lab Sample ID: J293122 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	2.32	41.0	2.32	82		U
Chloromethane	2.87	41.0	2.87	82		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	7.70	41.0	7.70	82		U
Vinyl chloride	3.33	41.0	3.33	82		U
Bromomethane	2.76	41.0	2.76	82		U
Chloroethane	4.68	41.0	4.68	82		U
Trichlorofluoromethane	12.9	41.0	12.9	82		U
Acetone	14.7	82.0	**78.8**	82		F
1,1-DCE	8.61	41.0	8.61	82		U
Methylene chloride	10.2	205.0	10.2	82		U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.04	41.0	6.04	82		U
MTBE (Methyl tert-Butyl Ether)	6.24	82.0	6.24	82		U
1,1-DCA	7.30	41.0	7.30	82		U
MEK (2-Butanone)	4.21	82.0	4.21	82		U
cis-1,2-DCE	7.21	41.0	7.21	82		U
Chloroform	5.93	41.0	5.93	82		U
1,2-DCA	7.57	41.0	7.57	82		U
1,1,1-TCA	4.21	41.0	4.21	82		U
Carbon tetrachloride	2.98	41.0	2.98	82		U
Benzene	6.94	41.0	**5960**	82		B
1,2-Dichloropropane	6.94	41.0	6.94	82		U
TCE	10.2	41.0	10.2	82		U
cis-1,3-Dichloropropene	3.78	41.0	3.78	82		U
trans-1,3-Dichloropropene	2.98	41.0	2.98	82		U
1,1,2-TCA	6.61	41.0	6.61	82		U
Toluene	6.94	41.0	**73.1**	82		
1,2-EDB	5.46	41.0	5.46	82		U
Tetrachloroethylene	4.91	41.0	4.91	82		U
Chlorobenzene	3.94	41.0	**5.52**	82		F
Ethylbenzene	5.10	41.0	5.10	82		U
m,p-Xylene	10.6	41.0	10.6	82		U
Styrene	5.71	41.0	5.71	82		U
o-Xylene	5.46	41.0	**26.2**	82		F
1,1,2,2-Tetrachloroethane	3.94	41.0	3.94	82		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-50 Lab Sample ID: J293122 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	6.11	41.0	**8.61**	82		F
1,2,4-Trimethylbenzene	4.81	41.0	4.81	82		U
1,3-DCB	6.04	41.0	6.04	82		U
1,4-DCB	7.80	41.0	7.80	82		U
1,2-DCB	7.36	41.0	7.36	82		U
1,2,4-Trichlorobenzene	8.14	41.0	8.14	82		U
Hexachlorobutadiene	5.96	41.0	5.96	82		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	105	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-97 Lab Sample ID: J293123 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	314	5550.0	314	11100		U
Chloromethane	389	5550.0	389	11100		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1040	5550.0	1040	11100		U
Vinyl chloride	451	5550.0	451	11100		U
Bromomethane	373	5550.0	373	11100		U
Chloroethane	633	5550.0	633	11100		U
Trichlorofluoromethane	1750	5550.0	1750	11100		U
Acetone	1990	11100.0	**5090**	11100		F
1,1-DCE	1170	5550.0	1170	11100		U
Methylene chloride	1380	27750.0	1380	11100		U
1,1,2-Trichloro-1,2,2-trifluoroethane	817	5550.0	817	11100		U
MTBE (Methyl tert-Butyl Ether)	845	11100.0	845	11100		U
1,1-DCA	988	5550.0	988	11100		U
MEK (2-Butanone)	570	11100.0	570	11100		U
cis-1,2-DCE	976	5550.0	976	11100		U
Chloroform	803	5550.0	803	11100		U
1,2-DCA	1030	5550.0	1030	11100		U
1,1,1-TCA	570	5550.0	570	11100		U
Carbon tetrachloride	403	5550.0	403	11100		U
Benzene	939	5550.0	**391000**	11100		B
1,2-Dichloropropane	939	5550.0	939	11100		U
TCE	1380	5550.0	1380	11100		U
cis-1,3-Dichloropropene	511	5550.0	511	11100		U
trans-1,3-Dichloropropene	403	5550.0	403	11100		U
1,1,2-TCA	895	5550.0	895	11100		U
Toluene	939	5550.0	**951000**	11100		
1,2-EDB	739	5550.0	**3340**	11100		F
Tetrachloroethylene	664	5550.0	664	11100		U
Chlorobenzene	534	5550.0	534	11100		U
Ethylbenzene	690	5550.0	**28300**	11100		
m,p-Xylene	1440	5550.0	**82200**	11100		
Styrene	773	5550.0	773	11100		U
o-Xylene	739	5550.0	**24900**	11100		
1,1,2,2-Tetrachloroethane	534	5550.0	534	11100		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-97 Lab Sample ID: J293123 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	828	5550.0	**3080**	11100		F
1,2,4-Trimethylbenzene	651	5550.0	**5200**	11100		F
1,3-DCB	817	5550.0	817	11100		U
1,4-DCB	1060	5550.0	1060	11100		U
1,2-DCB	997	5550.0	997	11100		U
1,2,4-Trichlorobenzene	1100	5550.0	1100	11100		U
Hexachlorobutadiene	806	5550.0	806	11100		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	113	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-150 Lab Sample ID: J293124 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	69.9	1235.0	69.9	2470		U
Chloromethane	86.5	1235.0	86.5	2470		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	232	1235.0	232	2470		U
Vinyl chloride	100	1235.0	100	2470		U
Bromomethane	83.1	1235.0	83.1	2470		U
Chloroethane	141	1235.0	141	2470		U
Trichlorofluoromethane	390	1235.0	390	2470		U
Acetone	444	2470.0	**490**	2470		F
1,1-DCE	259	1235.0	259	2470		U
Methylene chloride	307	6175.0	307	2470		U
1,1,2-Trichloro-1,2,2-trifluoroethane	182	1235.0	182	2470		U
MTBE (Methyl tert-Butyl Ether)	188	2470.0	188	2470		U
1,1-DCA	220	1235.0	220	2470		U
MEK (2-Butanone)	127	2470.0	127	2470		U
cis-1,2-DCE	217	1235.0	217	2470		U
Chloroform	179	1235.0	179	2470		U
1,2-DCA	228	1235.0	228	2470		U
1,1,1-TCA	127	1235.0	127	2470		U
Carbon tetrachloride	89.8	1235.0	89.8	2470		U
Benzene	209	1235.0	**88700**	2470		B
1,2-Dichloropropane	209	1235.0	209	2470		U
TCE	307	1235.0	307	2470		U
cis-1,3-Dichloropropene	114	1235.0	114	2470		U
trans-1,3-Dichloropropene	89.8	1235.0	89.8	2470		U
1,1,2-TCA	199	1235.0	199	2470		U
Toluene	209	1235.0	**125000**	2470		
1,2-EDB	164	1235.0	164	2470		U
Tetrachloroethylene	148	1235.0	148	2470		U
Chlorobenzene	119	1235.0	119	2470		U
Ethylbenzene	154	1235.0	**1530**	2470		
m,p-Xylene	320	1235.0	**5860**	2470		
Styrene	172	1235.0	172	2470		U
o-Xylene	164	1235.0	**1920**	2470		
1,1,2,2-Tetrachloroethane	119	1235.0	119	2470		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-150 Lab Sample ID: J293124 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	184	1235.0	184	2470		U
1,2,4-Trimethylbenzene	145	1235.0	145	2470		U
1,3-DCB	182	1235.0	182	2470		U
1,4-DCB	235	1235.0	235	2470		U
1,2-DCB	222	1235.0	222	2470		U
1,2,4-Trichlorobenzene	245	1235.0	245	2470		U
Hexachlorobutadiene	179	1235.0	179	2470		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	110	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-49 Lab Sample ID: J293125 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	5.97	105.5	5.97	211		U
Chloromethane	7.39	105.5	7.39	211		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	19.8	105.5	19.8	211		U
Vinyl chloride	8.57	105.5	8.57	211		U
Bromomethane	7.10	105.5	7.10	211		U
Chloroethane	12.0	105.5	12.0	211		U
Trichlorofluoromethane	33.3	105.5	33.3	211		U
Acetone	37.9	211.0	**109**	211		F
1,1-DCE	22.2	105.5	22.2	211		U
Methylene chloride	26.2	527.5	26.2	211		U
1,1,2-Trichloro-1,2,2-trifluoroethane	15.5	105.5	15.5	211		U
MTBE (Methyl tert-Butyl Ether)	16.1	211.0	16.1	211		U
1,1-DCA	18.8	105.5	18.8	211		U
MEK (2-Butanone)	10.8	211.0	10.8	211		U
cis-1,2-DCE	18.6	105.5	18.6	211		U
Chloroform	15.3	105.5	15.3	211		U
1,2-DCA	19.5	105.5	19.5	211		U
1,1,1-TCA	10.8	105.5	10.8	211		U
Carbon tetrachloride	7.67	105.5	7.67	211		U
Benzene	17.9	105.5	**14800**	211		B
1,2-Dichloropropane	17.9	105.5	17.9	211		U
TCE	26.2	105.5	26.2	211		U
cis-1,3-Dichloropropene	9.72	105.5	9.72	211		U
trans-1,3-Dichloropropene	7.67	105.5	7.67	211		U
1,1,2-TCA	17.0	105.5	17.0	211		U
Toluene	17.9	105.5	**1080**	211		
1,2-EDB	14.0	105.5	14.0	211		U
Tetrachloroethylene	12.6	105.5	12.6	211		U
Chlorobenzene	10.1	105.5	10.1	211		U
Ethylbenzene	13.1	105.5	13.1	211		U
m,p-Xylene	27.3	105.5	**33.1**	211		F
Styrene	14.7	105.5	14.7	211		U
o-Xylene	14.0	105.5	**18.8**	211		F
1,1,2,2-Tetrachloroethane	10.1	105.5	10.1	211		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-49 Lab Sample ID: J293125 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	15.7	105.5	15.7	211		U
1,2,4-Trimethylbenzene	12.4	105.5	12.4	211		U
1,3-DCB	15.5	105.5	15.5	211		U
1,4-DCB	20.1	105.5	20.1	211		U
1,2-DCB	18.9	105.5	18.9	211		U
1,2,4-Trichlorobenzene	20.9	105.5	20.9	211		U
Hexachlorobutadiene	15.3	105.5	15.3	211		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	60-140	
4-Bromofluorobenzene	106	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-95 Lab Sample ID: J293126 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	62.8	1110.0	62.8	2220		U
Chloromethane	77.7	1110.0	77.7	2220		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	208	1110.0	208	2220		U
Vinyl chloride	90.2	1110.0	90.2	2220		U
Bromomethane	74.7	1110.0	74.7	2220		U
Chloroethane	127	1110.0	127	2220		U
Trichlorofluoromethane	350	1110.0	350	2220		U
Acetone	399	2220.0	**767**	2220		F
1,1-DCE	233	1110.0	233	2220		U
Methylene chloride	276	5550.0	276	2220		U
1,1,2-Trichloro-1,2,2-trifluoroethane	163	1110.0	163	2220		U
MTBE (Methyl tert-Butyl Ether)	169	2220.0	169	2220		U
1,1-DCA	198	1110.0	198	2220		U
MEK (2-Butanone)	114	2220.0	114	2220		U
cis-1,2-DCE	195	1110.0	195	2220		U
Chloroform	161	1110.0	161	2220		U
1,2-DCA	205	1110.0	205	2220		U
1,1,1-TCA	114	1110.0	114	2220		U
Carbon tetrachloride	80.7	1110.0	80.7	2220		U
Benzene	188	1110.0	**70400**	2220		B
1,2-Dichloropropane	188	1110.0	188	2220		U
TCE	276	1110.0	276	2220		U
cis-1,3-Dichloropropene	102	1110.0	102	2220		U
trans-1,3-Dichloropropene	80.7	1110.0	80.7	2220		U
1,1,2-TCA	179	1110.0	179	2220		U
Toluene	188	1110.0	**139000**	2220		
1,2-EDB	148	1110.0	148	2220		U
Tetrachloroethylene	133	1110.0	133	2220		U
Chlorobenzene	107	1110.0	107	2220		U
Ethylbenzene	138	1110.0	**661**	2220		F
m,p-Xylene	287	1110.0	**7590**	2220		
Styrene	155	1110.0	155	2220		U
o-Xylene	148	1110.0	**2030**	2220		
1,1,2,2-Tetrachloroethane	107	1110.0	107	2220		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-95 Lab Sample ID: J293126 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	166	1110.0	166	2220		U
1,2,4-Trimethylbenzene	130	1110.0	**201**	2220		F
1,3-DCB	163	1110.0	163	2220		U
1,4-DCB	211	1110.0	211	2220		U
1,2-DCB	199	1110.0	199	2220		U
1,2,4-Trichlorobenzene	220	1110.0	220	2220		U
Hexachlorobutadiene	161	1110.0	161	2220		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	111	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-147 Lab Sample ID: J293127 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	0.07	1.3	**0.88**	2.56		F
Chloromethane	0.09	1.3	**1.00**	2.56		F
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.24	1.3	0.24	2.56		U
Vinyl chloride	0.10	1.3	0.10	2.56		U
Bromomethane	0.09	1.3	**0.22**	2.56		F
Chloroethane	0.15	1.3	0.15	2.56		U
Trichlorofluoromethane	0.40	1.3	**0.61**	2.56		F
Acetone	0.46	2.6	**37.0**	2.56		B
1,1-DCE	0.27	1.3	0.27	2.56		U
Methylene chloride	0.32	6.4	**0.42**	2.56		F
1,1,2-Trichloro-1,2,2-trifluoroethane	0.19	1.3	**3.52**	2.56		
MTBE (Methyl tert-Butyl Ether)	0.20	2.6	0.20	2.56		U
1,1-DCA	0.23	1.3	0.23	2.56		U
MEK (2-Butanone)	0.13	2.6	**10.9**	2.56		
cis-1,2-DCE	0.23	1.3	0.23	2.56		U
Chloroform	0.19	1.3	0.19	2.56		U
1,2-DCA	0.24	1.3	0.24	2.56		U
1,1,1-TCA	0.13	1.3	0.13	2.56		U
Carbon tetrachloride	0.09	1.3	**0.29**	2.56		F
Benzene	0.22	1.3	**16.6**	2.56		B
1,2-Dichloropropane	0.22	1.3	0.22	2.56		U
TCE	0.32	1.3	0.32	2.56		U
cis-1,3-Dichloropropene	0.12	1.3	0.12	2.56		U
trans-1,3-Dichloropropene	0.09	1.3	0.09	2.56		U
1,1,2-TCA	0.21	1.3	0.21	2.56		U
Toluene	0.22	1.3	**48.0**	2.56		
1,2-EDB	0.17	1.3	**0.27**	2.56		F
Tetrachloroethylene	0.15	1.3	**0.70**	2.56		F
Chlorobenzene	0.12	1.3	0.12	2.56		U
Ethylbenzene	0.16	1.3	**4.12**	2.56		
m,p-Xylene	0.33	1.3	**12.4**	2.56		
Styrene	0.18	1.3	0.18	2.56		U
o-Xylene	0.17	1.3	**4.78**	2.56		
1,1,2,2-Tetrachloroethane	0.12	1.3	0.12	2.56		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-147 Lab Sample ID: J293127 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	0.19	1.3	**1.02**	2.56		F
1,2,4-Trimethylbenzene	0.15	1.3	**2.76**	2.56		
1,3-DCB	0.19	1.3	0.19	2.56		U
1,4-DCB	0.24	1.3	0.24	2.56		U
1,2-DCB	0.23	1.3	0.23	2.56		U
1,2,4-Trichlorobenzene	0.25	1.3	0.25	2.56		U
Hexachlorobutadiene	0.19	1.3	0.19	2.56		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	121	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298 Lab Sample ID: J293128 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	75.3	1330.0	75.3	2660		U
Chloromethane	93.1	1330.0	93.1	2660		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	250	1330.0	250	2660		U
Vinyl chloride	108	1330.0	108	2660		U
Bromomethane	89.5	1330.0	89.5	2660		U
Chloroethane	152	1330.0	152	2660		U
Trichlorofluoromethane	419	1330.0	419	2660		U
Acetone	478	2660.0	**13400**	2660		B
1,1-DCE	279	1330.0	279	2660		U
Methylene chloride	330	6650.0	330	2660		U
1,1,2-Trichloro-1,2,2-trifluoroethane	196	1330.0	196	2660		U
MTBE (Methyl tert-Butyl Ether)	202	2660.0	202	2660		U
1,1-DCA	237	1330.0	237	2660		U
MEK (2-Butanone)	137	2660.0	137	2660		U
cis-1,2-DCE	234	1330.0	234	2660		U
Chloroform	192	1330.0	192	2660		U
1,2-DCA	246	1330.0	246	2660		U
1,1,1-TCA	137	1330.0	137	2660		U
Carbon tetrachloride	96.7	1330.0	96.7	2660		U
Benzene	225	1330.0	**94400**	2660		B
1,2-Dichloropropane	225	1330.0	225	2660		U
TCE	331	1330.0	331	2660		U
cis-1,3-Dichloropropene	123	1330.0	123	2660		U
trans-1,3-Dichloropropene	96.7	1330.0	96.7	2660		U
1,1,2-TCA	214	1330.0	214	2660		U
Toluene	225	1330.0	**184000**	2660		
1,2-EDB	177	1330.0	**229**	2660		F
Tetrachloroethylene	159	1330.0	159	2660		U
Chlorobenzene	128	1330.0	128	2660		U
Ethylbenzene	165	1330.0	**7350**	2660		
m,p-Xylene	344	1330.0	**25200**	2660		
Styrene	185	1330.0	185	2660		U
o-Xylene	177	1330.0	**9910**	2660		
1,1,2,2-Tetrachloroethane	128	1330.0	128	2660		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298 Lab Sample ID: J293128 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	198	1330.0	**902**	2660		F
1,2,4-Trimethylbenzene	156	1330.0	**1640**	2660		
1,3-DCB	196	1330.0	196	2660		U
1,4-DCB	253	1330.0	253	2660		U
1,2-DCB	239	1330.0	239	2660		U
1,2,4-Trichlorobenzene	264	1330.0	264	2660		U
Hexachlorobutadiene	193	1330.0	193	2660		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	118	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298DUP Lab Sample ID: J293129 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	81.5	1440.0	81.5	2880		U
Chloromethane	101	1440.0	101	2880		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	270	1440.0	270	2880		U
Vinyl chloride	117	1440.0	117	2880		U
Bromomethane	96.9	1440.0	96.9	2880		U
Chloroethane	164	1440.0	164	2880		U
Trichlorofluoromethane	454	1440.0	454	2880		U
Acetone	518	2880.0	**6910**	2880		B
1,1-DCE	302	1440.0	302	2880		U
Methylene chloride	357	7200.0	357	2880		U
1,1,2-Trichloro-1,2,2-trifluoroethane	212	1440.0	212	2880		U
MTBE (Methyl tert-Butyl Ether)	219	2880.0	219	2880		U
1,1-DCA	256	1440.0	256	2880		U
MEK (2-Butanone)	148	2880.0	148	2880		U
cis-1,2-DCE	253	1440.0	253	2880		U
Chloroform	208	1440.0	208	2880		U
1,2-DCA	266	1440.0	266	2880		U
1,1,1-TCA	148	1440.0	148	2880		U
Carbon tetrachloride	105	1440.0	105	2880		U
Benzene	244	1440.0	**118000**	2880		B
1,2-Dichloropropane	244	1440.0	244	2880		U
TCE	358	1440.0	358	2880		U
cis-1,3-Dichloropropene	133	1440.0	133	2880		U
trans-1,3-Dichloropropene	105	1440.0	105	2880		U
1,1,2-TCA	232	1440.0	232	2880		U
Toluene	244	1440.0	**240000**	2880		
1,2-EDB	192	1440.0	**316**	2880		F
Tetrachloroethylene	172	1440.0	172	2880		U
Chlorobenzene	138	1440.0	138	2880		U
Ethylbenzene	179	1440.0	**9790**	2880		
m,p-Xylene	373	1440.0	**33100**	2880		
Styrene	201	1440.0	201	2880		U
o-Xylene	192	1440.0	**13000**	2880		
1,1,2,2-Tetrachloroethane	138	1440.0	138	2880		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298DUP Lab Sample ID: J293129 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	215	1440.0	**914**	2880		F
1,2,4-Trimethylbenzene	169	1440.0	**1330**	2880		F
1,3-DCB	212	1440.0	212	2880		U
1,4-DCB	274	1440.0	274	2880		U
1,2-DCB	259	1440.0	259	2880		U
1,2,4-Trichlorobenzene	286	1440.0	286	2880		U
Hexachlorobutadiene	209	1440.0	209	2880		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	119	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445 Lab Sample ID: J293130 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	141	2485.0	141	4970		U
Chloromethane	174	2485.0	174	4970		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	467	2485.0	467	4970		U
Vinyl chloride	202	2485.0	202	4970		U
Bromomethane	167	2485.0	167	4970		U
Chloroethane	283	2485.0	283	4970		U
Trichlorofluoromethane	784	2485.0	784	4970		U
Acetone	893	4970.0	**82900**	4970		B
1,1-DCE	522	2485.0	522	4970		U
Methylene chloride	617	12425.0	617	4970		U
1,1,2-Trichloro-1,2,2-trifluoroethane	366	2485.0	366	4970		U
MTBE (Methyl tert-Butyl Ether)	378	4970.0	378	4970		U
1,1-DCA	442	2485.0	442	4970		U
MEK (2-Butanone)	255	4970.0	**7960**	4970		
cis-1,2-DCE	437	2485.0	437	4970		U
Chloroform	359	2485.0	359	4970		U
1,2-DCA	459	2485.0	459	4970		U
1,1,1-TCA	255	2485.0	255	4970		U
Carbon tetrachloride	181	2485.0	181	4970		U
Benzene	421	2485.0	**130000**	4970		B
1,2-Dichloropropane	421	2485.0	421	4970		U
TCE	618	2485.0	618	4970		U
cis-1,3-Dichloropropene	229	2485.0	229	4970		U
trans-1,3-Dichloropropene	181	2485.0	181	4970		U
1,1,2-TCA	401	2485.0	401	4970		U
Toluene	421	2485.0	**331000**	4970		
1,2-EDB	331	2485.0	**455**	4970		F
Tetrachloroethylene	297	2485.0	297	4970		U
Chlorobenzene	239	2485.0	239	4970		U
Ethylbenzene	309	2485.0	**23000**	4970		
m,p-Xylene	644	2485.0	**76300**	4970		
Styrene	346	2485.0	346	4970		U
o-Xylene	331	2485.0	**26400**	4970		
1,1,2,2-Tetrachloroethane	239	2485.0	239	4970		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445 Lab Sample ID: J293130 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	371	2485.0	**4600**	4970		
1,2,4-Trimethylbenzene	291	2485.0	**10700**	4970		
1,3-DCB	366	2485.0	366	4970		U
1,4-DCB	473	2485.0	473	4970		U
1,2-DCB	446	2485.0	446	4970		U
1,2,4-Trichlorobenzene	493	2485.0	493	4970		U
Hexachlorobutadiene	361	2485.0	361	4970		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	119	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445DUP Lab Sample ID: J293131 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	99.9	1765.0	99.9	3530		U
Chloromethane	124	1765.0	124	3530		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	331	1765.0	331	3530		U
Vinyl chloride	143	1765.0	143	3530		U
Bromomethane	119	1765.0	119	3530		U
Chloroethane	201	1765.0	201	3530		U
Trichlorofluoromethane	557	1765.0	557	3530		U
Acetone	634	3530.0	**32100**	3530		B
1,1-DCE	371	1765.0	371	3530		U
Methylene chloride	438	8825.0	438	3530		U
1,1,2-Trichloro-1,2,2-trifluoroethane	260	1765.0	260	3530		U
MTBE (Methyl tert-Butyl Ether)	269	3530.0	269	3530		U
1,1-DCA	314	1765.0	314	3530		U
MEK (2-Butanone)	181	3530.0	181	3530		U
cis-1,2-DCE	310	1765.0	310	3530		U
Chloroform	255	1765.0	255	3530		U
1,2-DCA	326	1765.0	326	3530		U
1,1,1-TCA	181	1765.0	181	3530		U
Carbon tetrachloride	128	1765.0	128	3530		U
Benzene	299	1765.0	**108000**	3530		B
1,2-Dichloropropane	299	1765.0	299	3530		U
TCE	439	1765.0	439	3530		U
cis-1,3-Dichloropropene	163	1765.0	163	3530		U
trans-1,3-Dichloropropene	128	1765.0	128	3530		U
1,1,2-TCA	285	1765.0	285	3530		U
Toluene	299	1765.0	**266000**	3530		
1,2-EDB	235	1765.0	**362**	3530		F
Tetrachloroethylene	211	1765.0	211	3530		U
Chlorobenzene	170	1765.0	170	3530		U
Ethylbenzene	219	1765.0	**18400**	3530		
m,p-Xylene	457	1765.0	**62400**	3530		
Styrene	246	1765.0	246	3530		U
o-Xylene	235	1765.0	**22100**	3530		
1,1,2,2-Tetrachloroethane	170	1765.0	170	3530		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445DUP Lab Sample ID: J293131 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	263	1765.0	**3830**	3530		
1,2,4-Trimethylbenzene	207	1765.0	**8860**	3530		
1,3-DCB	260	1765.0	260	3530		U
1,4-DCB	336	1765.0	336	3530		U
1,2-DCB	317	1765.0	317	3530		U
1,2,4-Trichlorobenzene	350	1765.0	350	3530		U
Hexachlorobutadiene	256	1765.0	256	3530		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	60-140	
4-Bromofluorobenzene	122	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW01-245 Lab Sample ID: J293132 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1430	25250.0	1430	50500		U
Chloromethane	1770	25250.0	1770	50500		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	4740	25250.0	4740	50500		U
Vinyl chloride	2050	25250.0	2050	50500		U
Bromomethane	1700	25250.0	1700	50500		U
Chloroethane	2880	25250.0	2880	50500		U
Trichlorofluoromethane	7960	25250.0	7960	50500		U
Acetone	9070	50500.0	**3030000**	50500		B
1,1-DCE	5300	25250.0	5300	50500		U
Methylene chloride	6270	126250.0	6270	50500		U
1,1,2-Trichloro-1,2,2-trifluoroethane	3720	25250.0	3720	50500		U
MTBE (Methyl tert-Butyl Ether)	3840	50500.0	3840	50500		U
1,1-DCA	4490	25250.0	4490	50500		U
MEK (2-Butanone)	2590	50500.0	**406000**	50500		
cis-1,2-DCE	4440	25250.0	4440	50500		U
Chloroform	3650	25250.0	3650	50500		U
1,2-DCA	4660	25250.0	4660	50500		U
1,1,1-TCA	2590	25250.0	2590	50500		U
Carbon tetrachloride	1840	25250.0	1840	50500		U
Benzene	4270	25250.0	**963000**	50500		B
1,2-Dichloropropane	4270	25250.0	4270	50500		U
TCE	6280	25250.0	6280	50500		U
cis-1,3-Dichloropropene	2330	25250.0	2330	50500		U
trans-1,3-Dichloropropene	1840	25250.0	1840	50500		U
1,1,2-TCA	4070	25250.0	4070	50500		U
Toluene	4270	25250.0	**3320000**	50500		
1,2-EDB	3360	25250.0	**7290**	50500		F
Tetrachloroethylene	3020	25250.0	3020	50500		U
Chlorobenzene	2430	25250.0	2430	50500		U
Ethylbenzene	3140	25250.0	**291000**	50500		
m,p-Xylene	6540	25250.0	**963000**	50500		
Styrene	3520	25250.0	3520	50500		U
o-Xylene	3360	25250.0	**317000**	50500		
1,1,2,2-Tetrachloroethane	2430	25250.0	2430	50500		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW01-245 Lab Sample ID: J293132 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	3770	25250.0	**80000**	50500		
1,2,4-Trimethylbenzene	2960	25250.0	**290000**	50500		
1,3-DCB	3720	25250.0	3720	50500		U
1,4-DCB	4800	25250.0	4800	50500		U
1,2-DCB	4530	25250.0	4530	50500		U
1,2,4-Trichlorobenzene	5010	25250.0	5010	50500		U
Hexachlorobutadiene	3670	25250.0	3670	50500		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	108	60-140	
4-Bromofluorobenzene	124	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45 Lab Sample ID: J293133 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	730	12900.0	730	25800		U
Chloromethane	903	12900.0	903	25800		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2420	12900.0	2420	25800		U
Vinyl chloride	1050	12900.0	1050	25800		U
Bromomethane	868	12900.0	868	25800		U
Chloroethane	1470	12900.0	1470	25800		U
Trichlorofluoromethane	4070	12900.0	4070	25800		U
Acetone	4640	25800.0	**1060000**	25800		B
1,1-DCE	2710	12900.0	2710	25800		U
Methylene chloride	3200	64500.0	3200	25800		U
1,1,2-Trichloro-1,2,2-trifluoroethane	1900	12900.0	1900	25800		U
MTBE (Methyl tert-Butyl Ether)	1960	25800.0	1960	25800		U
1,1-DCA	2300	12900.0	2300	25800		U
MEK (2-Butanone)	1330	25800.0	**107000**	25800		
cis-1,2-DCE	2270	12900.0	2270	25800		U
Chloroform	1870	12900.0	1870	25800		U
1,2-DCA	2380	12900.0	2380	25800		U
1,1,1-TCA	1330	12900.0	1330	25800		U
Carbon tetrachloride	938	12900.0	938	25800		U
Benzene	2180	12900.0	**426000**	25800		B
1,2-Dichloropropane	2180	12900.0	2180	25800		U
TCE	3210	12900.0	3210	25800		U
cis-1,3-Dichloropropene	1190	12900.0	1190	25800		U
trans-1,3-Dichloropropene	938	12900.0	938	25800		U
1,1,2-TCA	2080	12900.0	2080	25800		U
Toluene	2180	12900.0	**1950000**	25800		
1,2-EDB	1720	12900.0	**3230**	25800		F
Tetrachloroethylene	1540	12900.0	1540	25800		U
Chlorobenzene	1240	12900.0	1240	25800		U
Ethylbenzene	1600	12900.0	**352000**	25800		
m,p-Xylene	3340	12900.0	**1380000**	25800		
Styrene	1800	12900.0	1800	25800		U
o-Xylene	1720	12900.0	**564000**	25800		
1,1,2,2-Tetrachloroethane	1240	12900.0	1240	25800		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45 Lab Sample ID: J293133 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	1920	12900.0	**108000**	25800		
1,2,4-Trimethylbenzene	1510	12900.0	**300000**	25800		
1,3-DCB	1900	12900.0	1900	25800		U
1,4-DCB	2450	12900.0	2450	25800		U
1,2-DCB	2320	12900.0	2320	25800		U
1,2,4-Trichlorobenzene	2560	12900.0	2560	25800		U
Hexachlorobutadiene	1870	12900.0	1870	25800		U

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	107	60-140	
4-Bromofluorobenzene	124	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45DUP Lab Sample ID: J293134 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	1870	8650.0	1870	17300		U
Chloromethane	1630	8650.0	1630	17300		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1530	8650.0	1530	17300		U
Vinyl chloride	1330	8650.0	1330	17300		U
Bromomethane	1870	8650.0	1870	17300		U
Chloroethane	2450	8650.0	2450	17300		U
Trichlorofluoromethane	1910	8650.0	1910	17300		U
Acetone	1940	17300.0	**968000**	17300		
1,1-DCE	2620	8650.0	2620	17300		U
Methylene chloride	1750	43250.0	1750	17300		U
1,1,2-Trichloro-1,2,2-trifluoroethane	1500	8650.0	1500	17300		U
MTBE (Methyl tert-Butyl Ether)	2370	17300.0	2370	17300		U
1,1-DCA	1360	8650.0	1360	17300		U
MEK (2-Butanone)	1120	17300.0	**95600**	17300		
cis-1,2-DCE	1790	8650.0	1790	17300		U
Chloroform	3620	8650.0	3620	17300		U
1,2-DCA	1290	8650.0	1290	17300		U
1,1,1-TCA	1370	8650.0	1370	17300		U
Carbon tetrachloride	1420	8650.0	1420	17300		U
Benzene	1190	8650.0	**294000**	17300		
1,2-Dichloropropane	1180	8650.0	1180	17300		U
TCE	1330	8650.0	1330	17300		U
cis-1,3-Dichloropropene	1660	8650.0	1660	17300		U
trans-1,3-Dichloropropene	1740	8650.0	1740	17300		U
1,1,2-TCA	1820	8650.0	1820	17300		U
Toluene	1660	8650.0	**943000**	17300		
1,2-EDB	1490	8650.0	**1790**	17300		F
Tetrachloroethylene	1080	8650.0	1080	17300		U
Chlorobenzene	1530	8650.0	1530	17300		U
Ethylbenzene	1850	8650.0	**101000**	17300		
m,p-Xylene	4320	8650.0	**271000**	17300		
Styrene	1850	8650.0	1850	17300		U
o-Xylene	2250	8650.0	**84100**	17300		
1,1,2,2-Tetrachloroethane	3370	8650.0	3370	17300		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45DUP Lab Sample ID: J293134 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	2260	8650.0	**21300**	17300		
1,2,4-Trimethylbenzene	2370	8650.0	**57800**	17300		
1,3-DCB	2220	8650.0	2220	17300		U
1,4-DCB	2110	8650.0	2110	17300		U
1,2-DCB	2140	8650.0	2140	17300		U
1,2,4-Trichlorobenzene	1570	8650.0	1570	17300		Q
Hexachlorobutadiene	1980	8650.0	1980	17300		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	109	60-140	
4-Bromofluorobenzene	105	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW03-145 Lab Sample ID: J293135 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	14.1	65.0	14.1	130		U
Chloromethane	12.3	65.0	12.3	130		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	11.5	65.0	11.5	130		U
Vinyl chloride	10.0	65.0	10.0	130		U
Bromomethane	14.1	65.0	14.1	130		U
Chloroethane	18.4	65.0	18.4	130		U
Trichlorofluoromethane	14.3	65.0	14.3	130		U
Acetone	14.6	130.0	**9740**	130		
1,1-DCE	19.7	65.0	19.7	130		U
Methylene chloride	13.1	325.0	13.1	130		U
1,1,2-Trichloro-1,2,2-trifluoroethane	11.3	65.0	11.3	130		U
MTBE (Methyl tert-Butyl Ether)	17.8	130.0	17.8	130		U
1,1-DCA	10.3	65.0	10.3	130		U
MEK (2-Butanone)	8.42	130.0	**811**	130		
cis-1,2-DCE	13.4	65.0	13.4	130		U
Chloroform	27.2	65.0	27.2	130		U
1,2-DCA	9.69	65.0	**33.6**	130		F
1,1,1-TCA	10.3	65.0	10.3	130		U
Carbon tetrachloride	10.7	65.0	10.7	130		U
Benzene	8.97	65.0	**4700**	130		
1,2-Dichloropropane	8.83	65.0	8.83	130		U
TCE	9.98	65.0	9.98	130		U
cis-1,3-Dichloropropene	12.5	65.0	12.5	130		U
trans-1,3-Dichloropropene	13.1	65.0	13.1	130		U
1,1,2-TCA	13.7	65.0	13.7	130		U
Toluene	12.5	65.0	**11600**	130		
1,2-EDB	11.2	65.0	**22.4**	130		F
Tetrachloroethylene	8.08	65.0	8.08	130		U
Chlorobenzene	11.5	65.0	11.5	130		U
Ethylbenzene	13.9	65.0	**1720**	130		
m,p-Xylene	32.4	65.0	**3990**	130		
Styrene	13.9	65.0	13.9	130		U
o-Xylene	16.9	65.0	**1220**	130		
1,1,2,2-Tetrachloroethane	25.3	65.0	25.3	130		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW03-145 Lab Sample ID: J293135 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	17.0	65.0	**248**	130		
1,2,4-Trimethylbenzene	17.8	65.0	**638**	130		
1,3-DCB	16.7	65.0	16.7	130		U
1,4-DCB	15.8	65.0	15.8	130		U
1,2-DCB	16.1	65.0	16.1	130		U
1,2,4-Trichlorobenzene	11.8	65.0	11.8	130		Q
Hexachlorobutadiene	14.9	65.0	14.9	130		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	103	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW06-45 Lab Sample ID: J293136 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	174	805.0	174	1610		U
Chloromethane	152	805.0	152	1610		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	142	805.0	142	1610		U
Vinyl chloride	124	805.0	124	1610		U
Bromomethane	174	805.0	174	1610		U
Chloroethane	228	805.0	228	1610		U
Trichlorofluoromethane	178	805.0	178	1610		U
Acetone	180	1610.0	**29000**	1610		
1,1-DCE	244	805.0	244	1610		U
Methylene chloride	162	4025.0	162	1610		U
1,1,2-Trichloro-1,2,2-trifluoroethane	139	805.0	139	1610		U
MTBE (Methyl tert-Butyl Ether)	220	1610.0	220	1610		U
1,1-DCA	127	805.0	127	1610		U
MEK (2-Butanone)	104	1610.0	104	1610		U
cis-1,2-DCE	166	805.0	166	1610		U
Chloroform	336	805.0	336	1610		U
1,2-DCA	120	805.0	120	1610		U
1,1,1-TCA	127	805.0	127	1610		U
Carbon tetrachloride	132	805.0	132	1610		U
Benzene	111	805.0	**38500**	1610		
1,2-Dichloropropane	109	805.0	109	1610		U
TCE	124	805.0	124	1610		U
cis-1,3-Dichloropropene	154	805.0	154	1610		U
trans-1,3-Dichloropropene	162	805.0	162	1610		U
1,1,2-TCA	169	805.0	169	1610		U
Toluene	155	805.0	**60300**	1610		
1,2-EDB	138	805.0	138	1610		U
Tetrachloroethylene	100	805.0	100	1610		U
Chlorobenzene	143	805.0	143	1610		U
Ethylbenzene	172	805.0	**23300**	1610		
m,p-Xylene	402	805.0	**27700**	1610		
Styrene	172	805.0	172	1610		U
o-Xylene	210	805.0	**10900**	1610		
1,1,2,2-Tetrachloroethane	314	805.0	**491**	1610		F

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW06-45 Lab Sample ID: J293136 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	211	805.0	**4800**	1610		
1,2,4-Trimethylbenzene	221	805.0	**15800**	1610		
1,3-DCB	207	805.0	207	1610		U
1,4-DCB	196	805.0	196	1610		U
1,2-DCB	199	805.0	199	1610		U
1,2,4-Trichlorobenzene	146	805.0	146	1610		Q
Hexachlorobutadiene	185	805.0	185	1610		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	104	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW07-145 Lab Sample ID: J293137 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	221	1020.0	221	2040		U
Chloromethane	193	1020.0	193	2040		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	180	1020.0	180	2040		U
Vinyl chloride	157	1020.0	157	2040		U
Bromomethane	221	1020.0	221	2040		U
Chloroethane	289	1020.0	289	2040		U
Trichlorofluoromethane	225	1020.0	225	2040		U
Acetone	228	2040.0	**25200**	2040		
1,1-DCE	309	1020.0	309	2040		U
Methylene chloride	206	5100.0	206	2040		U
1,1,2-Trichloro-1,2,2-trifluoroethane	177	1020.0	177	2040		U
MTBE (Methyl tert-Butyl Ether)	279	2040.0	279	2040		U
1,1-DCA	161	1020.0	161	2040		U
MEK (2-Butanone)	132	2040.0	**7540**	2040		
cis-1,2-DCE	211	1020.0	211	2040		U
Chloroform	426	1020.0	426	2040		U
1,2-DCA	152	1020.0	152	2040		U
1,1,1-TCA	162	1020.0	162	2040		U
Carbon tetrachloride	168	1020.0	168	2040		U
Benzene	141	1020.0	**64500**	2040		
1,2-Dichloropropane	139	1020.0	139	2040		U
TCE	157	1020.0	157	2040		U
cis-1,3-Dichloropropene	196	1020.0	196	2040		U
trans-1,3-Dichloropropene	205	1020.0	205	2040		U
1,1,2-TCA	214	1020.0	214	2040		U
Toluene	196	1020.0	**77900**	2040		
1,2-EDB	175	1020.0	175	2040		U
Tetrachloroethylene	127	1020.0	127	2040		U
Chlorobenzene	181	1020.0	181	2040		U
Ethylbenzene	218	1020.0	**23300**	2040		
m,p-Xylene	509	1020.0	**48200**	2040		
Styrene	218	1020.0	218	2040		U
o-Xylene	266	1020.0	**18200**	2040		
1,1,2,2-Tetrachloroethane	397	1020.0	397	2040		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW07-145 Lab Sample ID: J293137 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	267	1020.0	**8220**	2040		
1,2,4-Trimethylbenzene	280	1020.0	**26500**	2040		
1,3-DCB	262	1020.0	262	2040		U
1,4-DCB	248	1020.0	248	2040		U
1,2-DCB	253	1020.0	253	2040		U
1,2,4-Trichlorobenzene	185	1020.0	185	2040		Q
Hexachlorobutadiene	234	1020.0	234	2040		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	97	60-140	
4-Bromofluorobenzene	102	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245 Lab Sample ID: J293138 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.60	16.7	**6.69**	33.3		F
Chloromethane	3.14	16.7	**7.35**	33.3		F
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.95	16.7	2.95	33.3		U
Vinyl chloride	2.57	16.7	2.57	33.3		U
Bromomethane	3.60	16.7	3.60	33.3		U
Chloroethane	4.72	16.7	4.72	33.3		U
Trichlorofluoromethane	3.67	16.7	**3.73**	33.3		F
Acetone	3.73	33.3	**194**	33.3		
1,1-DCE	5.05	16.7	5.05	33.3		U
Methylene chloride	3.36	83.3	3.36	33.3		U
1,1,2-Trichloro-1,2,2-trifluoroethane	2.88	16.7	2.88	33.3		U
MTBE (Methyl tert-Butyl Ether)	4.56	33.3	4.56	33.3		U
1,1-DCA	2.63	16.7	2.63	33.3		U
MEK (2-Butanone)	2.16	33.3	**121**	33.3		
cis-1,2-DCE	3.44	16.7	3.44	33.3		U
Chloroform	6.96	16.7	6.96	33.3		U
1,2-DCA	2.48	16.7	**21.4**	33.3		
1,1,1-TCA	2.64	16.7	2.64	33.3		U
Carbon tetrachloride	2.73	16.7	2.73	33.3		U
Benzene	2.30	16.7	**1550**	33.3		
1,2-Dichloropropane	2.26	16.7	2.26	33.3		U
TCE	2.56	16.7	2.56	33.3		U
cis-1,3-Dichloropropene	3.19	16.7	3.19	33.3		U
trans-1,3-Dichloropropene	3.35	16.7	3.35	33.3		U
1,1,2-TCA	3.50	16.7	3.50	33.3		U
Toluene	3.20	16.7	**1460**	33.3		
1,2-EDB	2.86	16.7	**19.8**	33.3		
Tetrachloroethylene	2.07	16.7	2.07	33.3		U
Chlorobenzene	2.95	16.7	2.95	33.3		U
Ethylbenzene	3.56	16.7	**195**	33.3		
m,p-Xylene	8.31	16.7	**352**	33.3		
Styrene	3.56	16.7	3.56	33.3		U
o-Xylene	4.34	16.7	**187**	33.3		
1,1,2,2-Tetrachloroethane	6.49	16.7	6.49	33.3		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245 Lab Sample ID: J293138 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 28 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.36	16.7	**59.7**	33.3		
1,2,4-Trimethylbenzene	4.57	16.7	**130**	33.3		
1,3-DCB	4.27	16.7	4.27	33.3		U
1,4-DCB	4.05	16.7	4.05	33.3		U
1,2-DCB	4.12	16.7	4.12	33.3		U
1,2,4-Trichlorobenzene	3.01	16.7	3.01	33.3		Q
Hexachlorobutadiene	3.82	16.7	3.82	33.3		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	97	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245DUP Lab Sample ID: J293139 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.30	15.3	3.30	30.5		U
Chloromethane	2.88	15.3	2.88	30.5		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.70	15.3	2.70	30.5		U
Vinyl chloride	2.35	15.3	2.35	30.5		U
Bromomethane	3.30	15.3	3.30	30.5		U
Chloroethane	4.32	15.3	4.32	30.5		U
Trichlorofluoromethane	3.36	15.3	3.36	30.5		U
Acetone	3.42	30.5	3.42	30.5		U
1,1-DCE	4.63	15.3	4.63	30.5		U
Methylene chloride	3.08	76.3	3.08	30.5		U
1,1,2-Trichloro-1,2,2-trifluoroethane	2.64	15.3	2.64	30.5		U
MTBE (Methyl tert-Butyl Ether)	4.18	30.5	4.18	30.5		U
1,1-DCA	2.41	15.3	2.41	30.5		U
MEK (2-Butanone)	1.98	30.5	**16.2**	30.5		F
cis-1,2-DCE	3.15	15.3	3.15	30.5		U
Chloroform	6.37	15.3	6.37	30.5		U
1,2-DCA	2.27	15.3	**13.2**	30.5		F
1,1,1-TCA	2.41	15.3	2.41	30.5		U
Carbon tetrachloride	2.50	15.3	2.50	30.5		U
Benzene	2.10	15.3	**1060**	30.5		
1,2-Dichloropropane	2.07	15.3	2.07	30.5		U
TCE	2.34	15.3	2.34	30.5		U
cis-1,3-Dichloropropene	2.92	15.3	2.92	30.5		U
trans-1,3-Dichloropropene	3.07	15.3	3.07	30.5		U
1,1,2-TCA	3.20	15.3	3.20	30.5		U
Toluene	2.93	15.3	**1070**	30.5		
1,2-EDB	2.62	15.3	**14.0**	30.5		F
Tetrachloroethylene	1.90	15.3	1.90	30.5		U
Chlorobenzene	2.71	15.3	2.71	30.5		U
Ethylbenzene	3.26	15.3	**157**	30.5		
m,p-Xylene	7.61	15.3	**303**	30.5		
Styrene	3.26	15.3	3.26	30.5		U
o-Xylene	3.97	15.3	**157**	30.5		
1,1,2,2-Tetrachloroethane	5.94	15.3	5.94	30.5		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245DUP Lab Sample ID: J293139 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	3.99	15.3	**42.7**	30.5		
1,2,4-Trimethylbenzene	4.18	15.3	**98.4**	30.5		
1,3-DCB	3.91	15.3	3.91	30.5		U
1,4-DCB	3.71	15.3	3.71	30.5		U
1,2-DCB	3.78	15.3	3.78	30.5		U
1,2,4-Trichlorobenzene	2.76	15.3	2.76	30.5		Q
Hexachlorobutadiene	3.50	15.3	3.50	30.5		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	94	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435 Lab Sample ID: J293140 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.89	18.0	3.89	36		U
Chloromethane	3.40	18.0	3.40	36		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	3.18	18.0	3.18	36		U
Vinyl chloride	2.77	18.0	2.77	36		U
Bromomethane	3.89	18.0	3.89	36		U
Chloroethane	5.10	18.0	5.10	36		U
Trichlorofluoromethane	3.97	18.0	3.97	36		U
Acetone	4.03	36.0	**360**	36		
1,1-DCE	5.46	18.0	5.46	36		U
Methylene chloride	3.63	90.0	3.63	36		U
1,1,2-Trichloro-1,2,2-trifluoroethane	3.12	18.0	3.12	36		U
MTBE (Methyl tert-Butyl Ether)	4.93	36.0	4.93	36		U
1,1-DCA	2.84	18.0	2.84	36		U
MEK (2-Butanone)	2.33	36.0	2.33	36		U
cis-1,2-DCE	3.72	18.0	3.72	36		U
Chloroform	7.52	18.0	7.52	36		U
1,2-DCA	2.68	18.0	**21.2**	36		
1,1,1-TCA	2.85	18.0	2.85	36		U
Carbon tetrachloride	2.96	18.0	2.96	36		U
Benzene	2.48	18.0	**1930**	36		
1,2-Dichloropropane	2.45	18.0	2.45	36		U
TCE	2.76	18.0	2.76	36		U
cis-1,3-Dichloropropene	3.45	18.0	3.45	36		U
trans-1,3-Dichloropropene	3.63	18.0	3.63	36		U
1,1,2-TCA	3.78	18.0	3.78	36		U
Toluene	3.46	18.0	**3090**	36		
1,2-EDB	3.10	18.0	**22.1**	36		
Tetrachloroethylene	2.24	18.0	2.24	36		U
Chlorobenzene	3.19	18.0	3.19	36		U
Ethylbenzene	3.85	18.0	**338**	36		
m,p-Xylene	8.99	18.0	**1100**	36		
Styrene	3.85	18.0	3.85	36		U
o-Xylene	4.69	18.0	**422**	36		
1,1,2,2-Tetrachloroethane	7.01	18.0	7.01	36		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435 Lab Sample ID: J293140 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.71	18.0	**118**	36		
1,2,4-Trimethylbenzene	4.94	18.0	**236**	36		
1,3-DCB	4.62	18.0	4.62	36		U
1,4-DCB	4.38	18.0	4.38	36		U
1,2-DCB	4.46	18.0	4.46	36		U
1,2,4-Trichlorobenzene	3.26	18.0	3.26	36		Q
Hexachlorobutadiene	4.13	18.0	4.13	36		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	100	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435DUP Lab Sample ID: J293141 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dichlorodifluoromethane	3.39	15.7	3.39	31.4		U
Chloromethane	2.96	15.7	2.96	31.4		U
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.78	15.7	2.78	31.4		U
Vinyl chloride	2.42	15.7	2.42	31.4		U
Bromomethane	3.39	15.7	3.39	31.4		U
Chloroethane	4.45	15.7	4.45	31.4		U
Trichlorofluoromethane	3.46	15.7	3.46	31.4		U
Acetone	3.52	31.4	**292**	31.4		
1,1-DCE	4.76	15.7	4.76	31.4		U
Methylene chloride	3.17	78.5	3.17	31.4		U
1,1,2-Trichloro-1,2,2-trifluoroethane	2.72	15.7	2.72	31.4		U
MTBE (Methyl tert-Butyl Ether)	4.30	31.4	4.30	31.4		U
1,1-DCA	2.48	15.7	2.48	31.4		U
MEK (2-Butanone)	2.03	31.4	**46.6**	31.4		
cis-1,2-DCE	3.25	15.7	3.25	31.4		U
Chloroform	6.56	15.7	6.56	31.4		U
1,2-DCA	2.34	15.7	**18.6**	31.4		
1,1,1-TCA	2.49	15.7	2.49	31.4		U
Carbon tetrachloride	2.58	15.7	2.58	31.4		U
Benzene	2.17	15.7	**1680**	31.4		
1,2-Dichloropropane	2.13	15.7	2.13	31.4		U
TCE	2.41	15.7	2.41	31.4		U
cis-1,3-Dichloropropene	3.01	15.7	3.01	31.4		U
trans-1,3-Dichloropropene	3.16	15.7	3.16	31.4		U
1,1,2-TCA	3.30	15.7	3.30	31.4		U
Toluene	3.02	15.7	**2680**	31.4		
1,2-EDB	2.70	15.7	**19.3**	31.4		
Tetrachloroethylene	1.95	15.7	1.95	31.4		U
Chlorobenzene	2.79	15.7	2.79	31.4		U
Ethylbenzene	3.36	15.7	**295**	31.4		
m,p-Xylene	7.84	15.7	**967**	31.4		
Styrene	3.36	15.7	3.36	31.4		U
o-Xylene	4.09	15.7	**374**	31.4		
1,1,2,2-Tetrachloroethane	6.12	15.7	6.12	31.4		U

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435DUP Lab Sample ID: J293141 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 27 Oct 10

Concentration Units: ppbv

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,3,5-Trimethylbenzene	4.11	15.7	**108**	31.4		
1,2,4-Trimethylbenzene	4.30	15.7	**205**	31.4		
1,3-DCB	4.03	15.7	4.03	31.4		U
1,4-DCB	3.82	15.7	3.82	31.4		U
1,2-DCB	3.89	15.7	3.89	31.4		U
1,2,4-Trichlorobenzene	2.84	15.7	2.84	31.4		Q
Hexachlorobutadiene	3.60	15.7	3.60	31.4		Q

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	99	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Surrogate Recoveries are reported in Appendix O-A
Internal Standards are reported in Appendix O-C

Comments:

QC DATA
SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs:	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6
Initial Calibration File IDs:	LEVEL1R.D	LEVEL2.D	LEVEL3.D	LEVEL4.D	LEVEL5.D	LEVEL6.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
Bromochloromethane	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
Dichlorodifluoromethane	.5	2.308	1	2.477	5	2.741	20	2.373	30	1.948	50	1.820
Chloromethane	.5	0.922	1	0.952	5	0.410	20	0.953	30	0.836	50	0.732
1,2-Dichloro-1,1,2,2-tetrafluoroethane	.5	2.271	1	2.384	5	2.742	20	2.104	30	2.020	50	1.700
Vinyl chloride	.5	0.888	1	0.969	5	1.134	20	0.906	30	0.879	50	0.713
Bromomethane	.5	0.830	1	0.831	5	0.963	20	0.763	30	0.752	50	0.603
Chloroethane	.5	0.494	1	0.494	5	0.585	20	0.472	30	0.455	50	0.376
Trichlorofluoromethane	.5	1.629	1	1.787	5	2.097	20	1.599	30	1.588	50	1.295
Acetone	.5	0.240	1	0.206	5	0.295	20	0.225	30	0.258	50	0.207
1,1-DCE	.5	1.267	1	1.393	5	1.516	20	1.205	30	1.178	50	0.952
Methylene chloride	.5	1.050	1	1.019	5	1.145	20	0.867	30	0.871	50	0.709
1,1,2-Trichloro-1,2,2-trifluoroethane	.5	1.269	1	1.411	5	1.654	20	1.278	30	1.269	50	1.036
MTBE (Methyl tert-Butyl Ether)	.5	1.498	1	1.289	5	1.733	20	1.254	30	1.581	50	1.119
1,1-DCA	.5	1.134	1	1.190	5	1.620	20	1.239	30	1.241	50	1.017
MEK (2-Butanone)	.5	0.197	1	0.171	5	0.234	20	0.178	30	0.258	50	0.177
cis-1,2-DCE	.5	0.942	1	1.007	5	1.262	20	0.967	30	0.940	50	0.790
Chloroform	.5	1.272	1	1.361	5	1.706	20	1.347	30	1.337	50	1.131
1,2-DCA	.5	0.771	1	0.764	5	1.038	20	0.722	30	0.862	50	0.635
1,1,1-TCA	.5	1.276	1	1.313	5	1.493	20	1.188	30	1.177	50	0.981
Carbon tetrachloride	.5	1.093	1	1.176	5	1.405	20	1.134	30	1.122	50	0.943
Benzene	.5	1.595	1	1.556	5	2.100	20	1.403	30	1.765	50	1.309
1,4-Difluorobenzene	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
1,2-Dichloropropane	.5	0.219	1	0.213	5	0.250	20	0.166	30	0.238	50	0.165
TCE	.5	0.314	1	0.322	5	0.351	20	0.278	30	0.298	50	0.248
cis-1,3-Dichloropropene	.5	0.382	1	0.351	5	0.420	20	0.291	30	0.405	50	0.284
trans-1,3-Dichloropropene	.5	0.336	1	0.333	5	0.358	20	0.268	30	0.367	50	0.263
1,1,2-TCA	.5	0.235	1	0.220	5	0.238	20	0.175	30	0.242	50	0.174
Toluene-d8	10	0.887	10	0.862	10	0.859	10	0.872	10	0.892	10	0.862
Toluene	.5	0.579	1	0.560	5	0.596	20	0.430	30	0.604	50	0.417
1,2-EDB	.5	0.374	1	0.357	5	0.388	20	0.291	30	0.394	50	0.279

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs:	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6
Initial Calibration File IDs:	LEVEL1R.D	LEVEL2.D	LEVEL3.D	LEVEL4.D	LEVEL5.D	LEVEL6.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
Tetrachloroethylene	.5	0.344	1	0.341	5	0.346	20	0.283	30	0.335	50	0.269
Chlorobenzene-d5	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
Chlorobenzene	.5	0.535	1	0.535	5	0.624	20	0.471	30	0.598	50	0.438
Ethylbenzene	.5	0.941	1	0.950	5	1.054	20	0.791	30	0.960	50	0.694
m,p-Xylene	1	0.751	2	0.752	10	0.798	40	0.588	60	0.690	100	0.488
Styrene	.5	0.547	1	0.547	5	0.593	20	0.488	30	0.613	50	0.450
o-Xylene	.5	0.807	1	0.816	5	0.891	20	0.674	30	0.794	50	0.575
1,1,2,2-Tetrachloroethane	.5	0.634	1	0.637	5	0.726	20	0.571	30	0.635	50	0.478
4-Bromofluorobenzene	2.5	0.603	2.5	0.607	2.5	0.664	2.5	0.606	2.5	0.610	2.5	0.625
1,3,5-Trimethylbenzene	.5	0.815	1	0.813	5	0.943	20	0.755	30	0.843	50	0.627
1,2,4-Trimethylbenzene	.5	0.829	1	0.805	5	0.877	20	0.751	30	0.832	50	0.635
1,3-DCB	.5	0.582	1	0.589	5	0.646	20	0.554	30	0.611	50	0.476
1,4-DCB	.5	0.587	1	0.559	5	0.634	20	0.551	30	0.618	50	0.482
1,2-DCB	.5	0.534	1	0.533	5	0.586	20	0.506	30	0.557	50	0.435
1,2,4-Trichlorobenzene	.5	0.147	1	0.145	5	0.141	20	0.177	30	0.186	50	0.145
Hexachlorobutadiene	.5	0.193	1	0.197	5	0.172	20	0.177	30	0.183	50	0.143

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs: LEVEL7

Initial Calibration File IDs: LEVEL7.D

Analyte	Std 7	RF 7	Std 8	RF 8	Std 9	RF 9						
Bromochloromethane	10	1.000										
Dichlorodifluoromethane	100	1.580										
Chloromethane	100	0.736										
1,2-Dichloro-1,1,2,2-tetrafluoroethane	100	1.645										
Vinyl chloride	100	0.760										
Bromomethane	100	0.702										
Chloroethane	100	0.438										
Trichlorofluoromethane	100	1.407										
Acetone	100	0.304										
1,1-DCE	100	1.038										
Methylene chloride	100	0.797										
1,1,2-Trichloro-1,2,2-trifluoroethane	100	1.199										
MTBE (Methyl tert-Butyl Ether)	100	1.724										
1,1-DCA	100	1.153										
MEK (2-Butanone)	100	0.307										
cis-1,2-DCE	100	0.836										
Chloroform	100	1.178										
1,2-DCA	100	0.822										
1,1,1-TCA	100	1.040										
Carbon tetrachloride	100	0.979										
Benzene	100	1.739										
1,4-Difluorobenzene	10	1.000										
1,2-Dichloropropane	100	0.216										
TCE	100	0.256										
cis-1,3-Dichloropropene	100	0.354										
trans-1,3-Dichloropropene	100	0.317										
1,1,2-TCA	100	0.215										
Toluene-d8	10	0.874										
Toluene	100	0.465										
1,2-EDB	100	0.322										

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs: LEVEL7

Initial Calibration File IDs: LEVEL7.D

Analyte	Std 7	RF 7	Std 8	RF 8	Std 9	RF 9						
Tetrachloroethylene	100	0.286										
Chlorobenzene-d5	10	1.000										
Chlorobenzene	100	0.510										
Ethylbenzene	100	0.767										
m,p-Xylene	200	0.460										
Styrene	100	0.501										
o-Xylene	100	0.587										
1,1,2,2-Tetrachloroethane	100	0.464										
4-Bromofluorobenzene	2.5	0.665										
1,3,5-Trimethylbenzene	100	0.616										
1,2,4-Trimethylbenzene	100	0.629										
1,3-DCB	100	0.499										
1,4-DCB	100	0.495										
1,2-DCB	100	0.446										
1,2,4-Trichlorobenzene	100	0.111										
Hexachlorobutadiene	100	0.105										

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
Bromochloromethane	AVG	1.000	0.00				
Dichlorodifluoromethane	AVG	2.178	18.8	15.3			
Chloromethane	AVG	0.792	24.4	15.3			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	AVG	2.124	18.2	15.3			
Vinyl chloride	AVG	0.893	15.5	15.3			
Bromomethane	AVG	0.778	14.6	15.3			
Chloroethane	AVG	0.473	13.5	15.3			
Trichlorofluoromethane	AVG	1.629	16.0	15.3			
Acetone	AVG	0.248	16.0	15.3			
1,1-DCE	AVG	1.221	15.9	15.3			
Methylene chloride	AVG	0.922	16.7	15.3			
1,1,2-Trichloro-1,2,2-trifluoroethane	AVG	1.302	14.7	15.3			
MTBE (Methyl tert-Butyl Ether)	AVG	1.457	16.6	15.3			
1,1-DCA	AVG	1.228	15.4	15.3			
MEK (2-Butanone)	AVG	0.218	23.5	15.3			
cis-1,2-DCE	AVG	0.963	15.8	15.3			
Chloroform	AVG	1.333	14.0	15.3			
1,2-DCA	AVG	0.802	15.8	15.3			
1,1,1-TCA	AVG	1.210	14.2	15.3			
Carbon tetrachloride	AVG	1.122	13.4	15.3			
Benzene	AVG	1.638	16.0	15.3			
1,4-Difluorobenzene	AVG	1.000	0.00				
1,2-Dichloropropane	AVG	0.209	15.7	15.3			
TCE	AVG	0.295	12.6	15.3			
cis-1,3-Dichloropropene	AVG	0.355	14.8	15.3			
trans-1,3-Dichloropropene	AVG	0.320	12.8	15.3			
1,1,2-TCA	AVG	0.214	13.4	15.3			
Toluene-d8	AVG	0.873	1.49				
Toluene	AVG	0.521	15.6	15.3			
1,2-EDB	AVG	0.344	13.5	15.3			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Date of Initial Calibration: 18 Oct 10

Initial Calibration ID: 101810R1

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
Tetrachloroethylene	AVG	0.315	10.8	15.3			
Chlorobenzene-d5	AVG	1.000	0.00				
Chlorobenzene	AVG	0.530	12.4	15.3			
Ethylbenzene	AVG	0.879	14.7	15.3			
m,p-Xylene	AVG	0.647	21.0	15.3			
Styrene	AVG	0.534	10.9	15.3			
o-Xylene	AVG	0.735	16.7	15.3			
1,1,2,2-Tetrachloroethane	AVG	0.592	15.9	15.3			
4-Bromofluorobenzene	AVG	0.626	4.40				
1,3,5-Trimethylbenzene	AVG	0.773	15.3	15.3			
1,2,4-Trimethylbenzene	AVG	0.765	12.9	15.3			
1,3-DCB	AVG	0.565	10.7	15.3			
1,4-DCB	AVG	0.561	10.3	15.3			
1,2-DCB	AVG	0.514	10.9	15.3			
1,2,4-Trichlorobenzene	AVG	0.150	16.5	15.3			
Hexachlorobutadiene	AVG	0.167	19.6	15.3			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs:	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6
Initial Calibration File IDs:	LEVEL1D.D	LEVEL2.D	LEVEL3.D	LEVEL4.D	LEVEL5.D	LEVEL6.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
Bromochloromethane	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
Dichlorodifluoromethane	.5	4.974	1	4.448	5	3.917	20	3.077	30	2.971	50	2.876
Chloromethane	.5	2.311	1	2.085	5	1.819	20	1.448	30	1.406	50	1.352
1,2-Dichloro-1,1,2,2-tetrafluoroethane	.5	5.813	1	5.021	5	4.245	20	3.256	30	3.203	50	3.038
Vinyl chloride	.5	2.035	1	1.808	5	1.610	20	1.293	30	1.300	50	1.271
Bromomethane	.5	1.955	1	1.698	5	1.472	20	1.226	30	1.216	50	1.187
Chloroethane	.5	1.049	1	0.960	5	0.844	20	0.675	30	0.671	50	0.660
Trichlorofluoromethane	.5	6.519	1	5.645	5	4.622	20	3.743	30	3.699	50	3.625
Acetone	.5	0.923	1	0.773	5	0.684	20	0.619	30	0.627	50	0.620
1,1-DCE	.5	3.477	1	3.158	5	2.841	20	2.244	30	2.199	50	2.155
Methylene chloride	.5	2.933	1	2.497	5	2.145	20	1.689	30	1.665	50	1.635
1,1,2-Trichloro-1,2,2-trifluoroethane	.5	4.528	1	4.057	5	3.522	20	2.739	30	2.694	50	2.661
MTBE (Methyl tert-Butyl Ether)	.5	5.267	1	4.655	5	4.256	20	3.499	30	3.468	50	3.425
1,1-DCA	.5	3.929	1	3.514	5	3.164	20	2.500	30	2.480	50	2.435
MEK (2-Butanone)	.5	0.646	1	0.565	5	0.575	20	0.619	30	0.613	50	0.600
cis-1,2-DCE	.5	2.600	1	2.412	5	2.213	20	1.832	30	1.807	50	1.815
Chloroform	.5	4.518	1	4.011	5	3.602	20	2.900	30	2.879	50	2.828
1,2-DCA	.5	2.930	1	2.699	5	2.543	20	2.042	30	2.022	50	1.966
1,1,1-TCA	.5	5.011	1	4.530	5	4.051	20	3.244	30	3.237	50	3.202
Carbon tetrachloride	.5	3.690	1	3.433	5	3.276	20	3.277	30	3.285	50	3.259
Benzene	.5	6.256	1	5.463	5	4.904	20	3.856	30	3.794	50	3.681
1,4-Difluorobenzene	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
1,2-Dichloropropane	.5	0.583	1	0.507	5	0.460	20	0.370	30	0.370	50	0.361
TCE	.5	1.138	1	0.984	5	0.897	20	0.628	30	0.620	50	0.594
cis-1,3-Dichloropropene	.5	0.729	1	0.652	5	0.628	20	0.536	30	0.543	50	0.542
trans-1,3-Dichloropropene	.5	0.601	1	0.538	5	0.551	20	0.501	30	0.510	50	0.512
1,1,2-TCA	.5	0.604	1	0.534	5	0.486	20	0.402	30	0.403	50	0.398
Toluene-d8	10	1.057	10	1.068	10	1.082	10	1.091	10	1.085	10	1.090
Toluene	.5	1.895	1	1.629	5	1.421	20	1.097	30	1.078	50	1.029
1,2-EDB	.5	0.913	1	0.830	5	0.792	20	0.680	30	0.686	50	0.676

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs:	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6
Initial Calibration File IDs:	LEVEL1D.D	LEVEL2.D	LEVEL3.D	LEVEL4.D	LEVEL5.D	LEVEL6.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
Tetrachloroethylene	.5	0.910	1	0.798	5	0.722	20	0.586	30	0.593	50	0.590
Chlorobenzene-d5	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000	10	1.000
Chlorobenzene	.5	1.399	1	1.197	5	1.065	20	0.838	30	0.839	50	0.824
Ethylbenzene	.5	2.176	1	1.906	5	1.736	20	1.362	30	1.353	50	1.320
m,p-Xylene	1	1.669	2	1.466	10	1.320	40	1.026	60	1.014	100	0.978
Styrene	.5	1.060	1	0.969	5	0.957	20	0.781	30	0.784	50	0.764
o-Xylene	.5	1.701	1	1.486	5	1.377	20	1.059	30	1.054	50	1.023
1,1,2,2-Tetrachloroethane	.5	0.310	1	0.245	5	0.226	20	0.319	30	0.374	50	0.427
4-Bromofluorobenzene	2.5	0.427	2.5	0.440	2.5	0.467	2.5	0.481	2.5	0.492	2.5	0.506
1,3,5-Trimethylbenzene	.5	1.918	1	1.718	5	1.581	20	1.231	30	1.247	50	1.230
1,2,4-Trimethylbenzene	.5	1.659	1	1.501	5	1.484	20	1.169	30	1.199	50	1.202
1,3-DCB	.5	1.171	1	1.064	5	1.056	20	0.815	30	0.853	50	0.878
1,4-DCB	.5	1.121	1	1.028	5	1.041	20	0.817	30	0.850	50	0.875
1,2-DCB	.5	1.128	1	1.037	5	0.996	20	0.745	30	0.783	50	0.811
1,2,4-Trichlorobenzene	.5	0.593	1	0.554	5	0.664	20	0.484	30	0.518	50	0.578
Hexachlorobutadiene	.5	0.826	1	0.729	5	0.656	20	0.430	30	0.461	50	0.496

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs: LEVEL7

Initial Calibration File IDs: LEVEL7.D

Analyte	Std 7	RF 7	Std 8	RF 8	Std 9	RF 9						
Bromochloromethane	10	1.000										
Dichlorodifluoromethane	100	2.685										
Chloromethane	100	1.269										
1,2-Dichloro-1,1,2,2-tetrafluoroethane	100	2.761										
Vinyl chloride	100	1.190										
Bromomethane	100	1.165										
Chloroethane	100	0.645										
Trichlorofluoromethane	100	3.181										
Acetone	100	0.603										
1,1-DCE	100	1.980										
Methylene chloride	100	1.569										
1,1,2-Trichloro-1,2,2-trifluoroethane	100	2.522										
MTBE (Methyl tert-Butyl Ether)	100	3.272										
1,1-DCA	100	2.318										
MEK (2-Butanone)	100	0.551										
cis-1,2-DCE	100	1.684										
Chloroform	100	2.694										
1,2-DCA	100	1.876										
1,1,1-TCA	100	3.059										
Carbon tetrachloride	100	3.141										
Benzene	100	3.451										
1,4-Difluorobenzene	10	1.000										
1,2-Dichloropropane	100	0.335										
TCE	100	0.533										
cis-1,3-Dichloropropene	100	0.514										
trans-1,3-Dichloropropene	100	0.499										
1,1,2-TCA	100	0.377										
Toluene-d8	10	1.081										
Toluene	100	0.942										
1,2-EDB	100	0.646										

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Initial Calibration Sample IDs: LEVEL7

Initial Calibration File IDs: LEVEL7.D

Analyte	Std 7	RF 7	Std 8	RF 8	Std 9	RF 9						
Tetrachloroethylene	100	0.563										
Chlorobenzene-d5	10	1.000										
Chlorobenzene	100	0.776										
Ethylbenzene	100	1.226										
m,p-Xylene	200	0.885										
Styrene	100	0.715										
o-Xylene	100	0.951										
1,1,2,2-Tetrachloroethane	100	0.476										
4-Bromofluorobenzene	2.5	0.525										
1,3,5-Trimethylbenzene	100	1.094										
1,2,4-Trimethylbenzene	100	1.156										
1,3-DCB	100	0.860										
1,4-DCB	100	0.864										
1,2-DCB	100	0.800										
1,2,4-Trichlorobenzene	100	0.622										
Hexachlorobutadiene	100	0.524										

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
Bromochloromethane	AVG	1.000	0.00				
Dichlorodifluoromethane	AVG	3.564	24.9	19.7			
Chloromethane	AVG	1.670	24.3	19.7			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	AVG	3.905	29.5	19.7			
Vinyl chloride	AVG	1.501	21.5	19.7			
Bromomethane	AVG	1.417	21.7	19.7			
Chloroethane	AVG	0.786	21.1	19.7			
Trichlorofluoromethane	AVG	4.433	27.8	19.7			
Acetone	AVG	0.693	17.0	19.7			
1,1-DCE	AVG	2.579	22.4	19.7			
Methylene chloride	AVG	2.019	26.1	19.7			
1,1,2-Trichloro-1,2,2-trifluoroethane	AVG	3.246	24.5	19.7			
MTBE (Methyl tert-Butyl Ether)	AVG	3.978	19.2	19.7			
1,1-DCA	AVG	2.906	21.8	19.7			
MEK (2-Butanone)	AVG	0.596	5.62	19.7			
cis-1,2-DCE	AVG	2.052	17.3	19.7			
Chloroform	AVG	3.347	21.1	19.7			
1,2-DCA	AVG	2.297	18.2	19.7			
1,1,1-TCA	AVG	3.762	20.6	19.7			
Carbon tetrachloride	AVG	3.337	5.31	19.7			
Benzene	AVG	4.486	23.8	19.7			
1,4-Difluorobenzene	AVG	1.000	0.00				
1,2-Dichloropropane	AVG	0.427	21.7	19.7			
TCE	LINR	0.771			0.997		
cis-1,3-Dichloropropene	AVG	0.592	13.4	19.7			
trans-1,3-Dichloropropene	AVG	0.530	6.93	19.7			
1,1,2-TCA	AVG	0.458	18.8	19.7			
Toluene-d8	AVG	1.079	1.14				
Toluene	AVG	1.299	27.6	19.7			
1,2-EDB	AVG	0.746	13.4	19.7			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION-GC/MS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Date of Initial Calibration: 20 Oct 10

Initial Calibration ID: 102010AA1

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
Tetrachloroethylene	AVG	0.680	19.6	19.7			
Chlorobenzene-d5	AVG	1.000	0.00				
Chlorobenzene	AVG	0.991	23.9	19.7			
Ethylbenzene	AVG	1.583	22.8	19.7			
m,p-Xylene	AVG	1.194	24.6	19.7			
Styrene	AVG	0.861	15.2	19.7			
o-Xylene	AVG	1.236	23.1	19.7			
1,1,2,2-Tetrachloroethane	AVG	0.340	27.1	19.7			
4-Bromofluorobenzene	AVG	0.477	7.35				
1,3,5-Trimethylbenzene	AVG	1.431	21.6	19.7			
1,2,4-Trimethylbenzene	AVG	1.339	15.3	19.7			
1,3-DCB	AVG	0.957	14.4	19.7			
1,4-DCB	AVG	0.942	12.6	19.7			
1,2-DCB	AVG	0.900	16.7	19.7			
1,2,4-Trichlorobenzene	AVG	0.573	10.7	19.7			
Hexachlorobutadiene	AVG	0.589	25.5	19.7			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Initial Calibration ID: 101810R1

2nd Source ID: ICV21018 Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Expected	Found	%D	Q
Dichlorodifluoromethane	30.0	29.3	-2.33	
Chloromethane	30.0	33.6	12.0	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30.0	25.8	-14.0	
Vinyl chloride	30.0	29.5	-1.59	
Bromomethane	30.0	27.0	-10.2	
Chloroethane	30.0	26.8	-10.6	
Trichlorofluoromethane	30.0	28.1	-6.24	
Acetone	30.0	27.1	-9.58	
1,1-DCE	30.0	28.1	-6.30	
Methylene chloride	30.0	27.2	-9.26	
1,1,2-Trichloro-1,2,2-trifluoroethane	30.0	28.4	-5.28	
MTBE (Methyl tert-Butyl Ether)	30.0	26.7	-11.0	
1,1-DCA	30.0	28.0	-6.67	
MEK (2-Butanone)	30.0	26.8	-10.6	
cis-1,2-DCE	30.0	28.8	-3.90	
Chloroform	30.0	28.6	-4.62	
1,2-DCA	30.0	27.8	-7.31	
1,1,1-TCA	30.0	26.8	-10.8	
Carbon tetrachloride	30.0	31.2	4.00	
Benzene	30.0	28.0	-6.76	
1,2-Dichloropropane	30.0	28.2	-5.95	
TCE	30.0	29.1	-3.11	
cis-1,3-Dichloropropene	30.0	28.2	-6.12	
trans-1,3-Dichloropropene	30.0	26.6	-11.5	
1,1,2-TCA	30.0	28.9	-3.65	
Toluene	30.0	29.2	-2.70	
1,2-EDB	30.0	29.2	-2.84	
Tetrachloroethylene	30.0	28.9	-3.73	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSR

Initial Calibration ID: 101810R1

2nd Source ID: ICV21018

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Expected	Found	%D	Q
Chlorobenzene	30.0	29.1	-3.16	
Ethylbenzene	30.0	28.4	-5.44	
m,p-Xylene	60.0	55.6	-7.26	
Styrene	30.0	28.9	-3.69	
o-Xylene	30.0	28.1	-6.43	
1,1,2,2-Tetrachloroethane	30.0	28.4	-5.38	
1,3,5-Trimethylbenzene	30.0	28.6	-4.78	
1,2,4-Trimethylbenzene	30.0	29.1	-2.98	
1,3-DCB	30.0	29.1	-3.17	
1,4-DCB	30.0	29.2	-2.80	
1,2-DCB	30.0	29.4	-1.91	
1,2,4-Trichlorobenzene	30.0	31.2	4.07	
Hexachlorobutadiene	30.0	27.3	-8.90	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: MSAA

Initial Calibration ID: 102010AA1

2nd Source ID: ICV21021

Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Expected	Found	%D	Q
Dichlorodifluoromethane	30.0	24.5	-18.3	
Chloromethane	30.0	23.9	-20.3	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30.0	21.9	-27.0	
Vinyl chloride	30.0	25.6	-14.6	
Bromomethane	30.0	24.2	-19.5	
Chloroethane	30.0	24.7	-17.6	
Trichlorofluoromethane	30.0	25.2	-15.9	
Acetone	30.0	25.7	-14.4	
1,1-DCE	30.0	26.5	-11.8	
Methylene chloride	30.0	25.6	-14.6	
1,1,2-Trichloro-1,2,2-trifluoroethane	30.0	26.3	-12.2	
MTBE (Methyl tert-Butyl Ether)	30.0	27.0	-10.1	
1,1-DCA	30.0	26.4	-11.9	
MEK (2-Butanone)	30.0	26.8	-10.5	
cis-1,2-DCE	30.0	27.5	-8.33	
Chloroform	30.0	26.7	-10.9	
1,2-DCA	30.0	26.1	-12.9	
1,1,1-TCA	30.0	25.8	-14.0	
Carbon tetrachloride	30.0	26.3	-12.5	
Benzene	30.0	25.7	-14.3	
1,2-Dichloropropane	30.0	26.3	-12.2	
TCE	30.0	36.2	20.7	
cis-1,3-Dichloropropene	30.0	27.2	-9.35	
trans-1,3-Dichloropropene	30.0	26.1	-13.0	
1,1,2-TCA	30.0	27.5	-8.34	
Toluene	30.0	25.3	-15.8	
1,2-EDB	30.0	28.4	-5.41	
Tetrachloroethylene	30.0	27.9	-6.89	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Initial Calibration ID: 102010AA1

2nd Source ID: ICV21021 Concentration Units: ppbv

GC Column ID: ZB-624

Analyte	Expected	Found	%D	Q
Chlorobenzene	30.0	28.9	-3.64	
Ethylbenzene	30.0	28.5	-4.92	
m,p-Xylene	60.0	56.5	-5.82	
Styrene	30.0	31.0	3.38	
o-Xylene	30.0	28.4	-5.34	
1,1,2,2-Tetrachloroethane	30.0	39.6	32.1	*
1,3,5-Trimethylbenzene	30.0	29.7	-1.14	
1,2,4-Trimethylbenzene	30.0	31.4	4.63	
1,3-DCB	30.0	31.9	6.30	
1,4-DCB	30.0	32.4	7.83	
1,2-DCB	30.0	32.3	7.81	
1,2,4-Trichlorobenzene	30.0	38.3	27.7	
Hexachlorobutadiene	30.0	32.3	7.80	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Initial Calibration ID: 101810R1

CCV #1 ID: CV1 1026 CCV #2 ID: CV2-1027 CCV #3 ID: CV1-1028

CCV #1 File ID: CV1-1026.D CCV #2 File ID: CV2-1027.D CCV #3 File ID: CV1-1028.D

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Dichlorodifluoromethane	30.0	30.5	1.50	30.0	28.4	-5.24	30.0	29.5	-1.55	
Chloromethane	30.0	34.5	15.0	30.0	32.0	6.78	30.0	34.1	13.8	
1,2-Dichloro-1,1,2,2-tetrafluoro	30.0	30.4	1.35	30.0	29.3	-2.31	30.0	29.7	-0.92	
Vinyl chloride	30.0	30.4	1.21	30.0	28.1	-6.23	30.0	30.4	1.17	
Bromomethane	30.0	27.7	-7.67	30.0	26.8	-10.7	30.0	30.3	0.91	
Chloroethane	30.0	28.0	-6.66	30.0	27.5	-8.25	30.0	29.9	-0.36	
Trichlorofluoromethane	30.0	28.0	-6.80	30.0	27.5	-8.40	30.0	29.8	-0.54	
Acetone	30.0	26.2	-12.6	30.0	25.9	-13.7	30.0	34.1	13.6	
1,1-DCE	30.0	27.9	-7.00	30.0	27.3	-9.09	30.0	29.9	-0.34	
Methylene chloride	30.0	26.9	-10.5	30.0	26.4	-12.0	30.0	29.7	-1.02	
1,1,2-Trichloro-1,2,2-trifluoroet	30.0	27.9	-7.18	30.0	26.8	-10.6	30.0	30.9	2.90	
MTBE (Methyl tert-Butyl	30.0	27.2	-9.29	30.0	25.9	-13.5	30.0	34.1	13.8	
1,1-DCA	30.0	28.6	-4.53	30.0	27.6	-7.87	30.0	33.4	11.3	
MEK (2-Butanone)	30.0	29.9	-0.30	30.0	27.9	-6.87	30.0	36.4	21.3	
cis-1,2-DCE	30.0	29.0	-3.20	30.0	27.6	-7.95	30.0	32.6	8.67	
Chloroform	30.0	28.6	-4.84	30.0	27.6	-8.16	30.0	32.6	8.59	
1,2-DCA	30.0	28.2	-5.89	30.0	27.5	-8.38	30.0	33.7	12.4	
1,1,1-TCA	30.0	27.5	-8.45	30.0	26.6	-11.4	30.0	31.5	5.12	
Carbon tetrachloride	30.0	26.8	-10.7	30.0	26.0	-13.2	30.0	30.4	1.47	
Benzene	30.0	28.9	-3.76	30.0	26.9	-10.4	30.0	34.3	14.2	
1,2-Dichloropropane	30.0	28.6	-4.82	30.0	29.6	-1.51	30.0	37.2	23.9	
TCE	30.0	28.7	-4.45	30.0	28.1	-6.23	30.0	34.6	15.3	
cis-1,3-Dichloropropene	30.0	29.2	-2.77	30.0	29.1	-3.04	30.0	35.7	18.9	
trans-1,3-Dichloropropene	30.0	29.0	-3.28	30.0	30.1	0.17	30.0	35.8	19.3	
1,1,2-TCA	30.0	28.8	-4.14	30.0	29.2	-2.55	30.0	36.2	20.6	
Toluene-d8	10.0	10.1	0.77	10.0	10.3	3.05	10.0	10.3	2.64	
Toluene	30.0	30.1	0.46	30.0	29.6	-1.27	30.0	38.0	26.7	
1,2-EDB	30.0	29.0	-3.49	30.0	29.3	-2.40	30.0	36.3	21.1	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Initial Calibration ID: 101810R1

CCV #1 ID: CV1 1026 CCV #2 ID: CV2-1027 CCV #3 ID: CV1-1028

CCV #1 File ID: CV1-1026.D CCV #2 File ID: CV2-1027.D CCV #3 File ID: CV1-1028.D

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Tetrachloroethylene	30.0	28.2	-6.17	30.0	28.4	-5.30	30.0	34.9	16.4	
Chlorobenzene	30.0	27.5	-8.22	30.0	27.1	-9.64	30.0	32.9	9.81	
Ethylbenzene	30.0	27.7	-7.76	30.0	27.7	-7.68	30.0	33.2	10.6	
m,p-Xylene	60.0	54.2	-9.64	60.0	54.3	-9.59	60.0	63.7	6.11	
Styrene	30.0	27.9	-6.96	30.0	27.8	-7.49	30.0	32.6	8.68	
o-Xylene	30.0	26.9	-10.2	30.0	27.3	-8.86	30.0	32.4	8.10	
1,1,2,2-Tetrachloroethane	30.0	24.2	-19.2	30.0	27.0	-10.2	30.0	29.6	-1.33	
4-Bromofluorobenzene	2.50	2.61	4.41	2.50	2.75	9.90	2.50	2.74	9.62	
1,3,5-Trimethylbenzene	30.0	26.2	-12.8	30.0	27.1	-9.77	30.0	30.0	0.13	
1,2,4-Trimethylbenzene	30.0	25.7	-14.2	30.0	26.9	-10.5	30.0	32.8	9.37	
1,3-DCB	30.0	29.5	-1.64	30.0	29.8	-0.78	30.0	33.2	10.8	
1,4-DCB	30.0	27.6	-7.99	30.0	27.9	-7.18	30.0	33.5	11.6	
1,2-DCB	30.0	27.7	-7.61	30.0	27.9	-7.09	30.0	33.0	9.99	
1,2,4-Trichlorobenzene	30.0	47.5	58.5	30.0	48.9	63.1	30.0	46.4	54.7	*
Hexachlorobutadiene	30.0	40.1	33.7	30.0	40.2	33.9	30.0	39.1	30.2	*

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Initial Calibration ID: 102010AA1

CCV #1 ID: CV1-1022 CCV #2 ID: CV1-1025 CCV #3 ID: CV1-1026

CCV #1 File ID: CV1-1022.D CCV #2 File ID: CV1-1025.D CCV #3 File ID: CV1-1026.D

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Dichlorodifluoromethane	30.0	23.8	-20.7	30.0	25.4	-15.5	30.0	28.1	-6.26	
Chloromethane	30.0	23.7	-20.9	30.0	24.8	-17.4	30.0	27.6	-7.97	
1,2-Dichloro-1,1,2,2-tetrafluoro	30.0	23.7	-20.9	30.0	25.2	-16.0	30.0	27.7	-7.84	
Vinyl chloride	30.0	25.5	-15.0	30.0	27.0	-10.2	30.0	29.2	-2.55	
Bromomethane	30.0	27.7	-7.56	30.0	26.0	-13.3	30.0	29.1	-2.87	
Chloroethane	30.0	26.7	-11.1	30.0	26.3	-12.3	30.0	28.9	-3.62	
Trichlorofluoromethane	30.0	24.8	-17.2	30.0	25.9	-13.7	30.0	28.5	-4.87	
Acetone	30.0	27.1	-9.54	30.0	27.9	-6.85	30.0	31.0	3.48	
1,1-DCE	30.0	25.1	-16.4	30.0	26.1	-13.0	30.0	28.8	-3.87	
Methylene chloride	30.0	23.5	-21.5	30.0	24.8	-17.4	30.0	27.6	-8.15	
1,1,2-Trichloro-1,2,2-trifluoroet	30.0	25.9	-13.8	30.0	26.7	-11.1	30.0	28.9	-3.84	
MTBE (Methyl tert-Butyl	30.0	26.7	-11.0	30.0	27.6	-8.08	30.0	29.9	-0.48	
1,1-DCA	30.0	25.4	-15.2	30.0	26.4	-11.9	30.0	28.9	-3.81	
MEK (2-Butanone)	30.0	31.8	6.03	30.0	32.7	8.85	30.0	35.3	17.6	
cis-1,2-DCE	30.0	26.4	-12.2	30.0	27.9	-7.11	30.0	30.1	0.32	
Chloroform	30.0	25.6	-14.7	30.0	26.8	-10.7	30.0	29.2	-2.79	
1,2-DCA	30.0	25.0	-16.6	30.0	26.4	-11.9	30.0	29.2	-2.63	
1,1,1-TCA	30.0	25.6	-14.8	30.0	26.9	-10.5	30.0	29.4	-1.86	
Carbon tetrachloride	30.0	29.2	-2.75	30.0	30.5	1.75	30.0	33.5	11.6	
Benzene	30.0	26.3	-12.4	30.0	26.9	-10.3	30.0	28.8	-4.04	
1,2-Dichloropropane	30.0	26.3	-12.2	30.0	26.3	-12.4	30.0	28.9	-3.62	
TCE	30.0	34.6	15.2	30.0	34.6	15.2	30.0	38.9	29.6	
cis-1,3-Dichloropropene	30.0	28.2	-6.16	30.0	28.1	-6.31	30.0	30.6	2.12	
trans-1,3-Dichloropropene	30.0	29.0	-3.28	30.0	28.9	-3.63	30.0	31.8	5.82	
1,1,2-TCA	30.0	27.3	-8.94	30.0	27.2	-9.41	30.0	29.8	-0.68	
Toluene-d8	10.0	10.1	0.88	10.0	10.1	0.49	10.0	10.3	3.29	
Toluene	30.0	25.9	-13.8	30.0	25.6	-14.6	30.0	28.2	-6.12	
1,2-EDB	30.0	28.4	-5.22	30.0	28.4	-5.21	30.0	30.6	1.97	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Initial Calibration ID: 102010AA1

CCV #1 ID: CV1-1022 CCV #2 ID: CV1-1025 CCV #3 ID: CV1-1026

CCV #1 File ID: CV1-1022.D CCV #2 File ID: CV1-1025.D CCV #3 File ID: CV1-1026.D

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Tetrachloroethylene	30.0	28.2	-6.01	30.0	28.0	-6.81	30.0	30.5	1.67	
Chlorobenzene	30.0	25.0	-16.7	30.0	26.9	-10.3	30.0	27.4	-8.59	
Ethylbenzene	30.0	24.8	-17.5	30.0	26.7	-11.1	30.0	27.4	-8.71	
m,p-Xylene	60.0	49.2	-18.0	60.0	52.5	-12.5	60.0	54.7	-8.84	
Styrene	30.0	27.0	-10.0	30.0	28.6	-4.75	30.0	29.6	-1.41	
o-Xylene	30.0	24.6	-17.9	30.0	26.5	-11.8	30.0	27.3	-8.89	
1,1,2,2-Tetrachloroethane	30.0	32.2	7.34	30.0	33.6	11.8	30.0	31.2	4.06	
4-Bromofluorobenzene	2.50	2.96	18.4	2.50	2.79	11.4	2.50	2.96	18.5	
1,3,5-Trimethylbenzene	30.0	24.7	-17.6	30.0	27.1	-9.82	30.0	28.1	-6.44	
1,2,4-Trimethylbenzene	30.0	26.1	-12.9	30.0	28.0	-6.62	30.0	29.1	-3.07	
1,3-DCB	30.0	26.6	-11.4	30.0	28.5	-5.12	30.0	29.4	-1.95	
1,4-DCB	30.0	27.0	-10.0	30.0	28.9	-3.68	30.0	29.9	-0.28	
1,2-DCB	30.0	26.1	-13.2	30.0	27.8	-7.24	30.0	28.9	-3.57	
1,2,4-Trichlorobenzene	30.0	28.0	-6.62	30.0	28.5	-4.98	30.0	30.7	2.36	
Hexachlorobutadiene	30.0	23.7	-20.9	30.0	25.4	-15.3	30.0	26.5	-11.7	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Initial Calibration ID: 102010AA1

CCV #4 ID: CV1-1027 CCV #5 ID: CCV #6 ID:

CCV #4 File ID: CV1-1027.D CCV #5 File ID: CCV #6 File ID:

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #4			CCV #5			CCV #6			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Dichlorodifluoromethane	30.0	27.2	-9.31							
Chloromethane	30.0	26.5	-11.7							
1,2-Dichloro-1,1,2,2-tetrafluoro	30.0	27.3	-8.93							
Vinyl chloride	30.0	29.0	-3.49							
Bromomethane	30.0	30.7	2.47							
Chloroethane	30.0	29.6	-1.20							
Trichlorofluoromethane	30.0	28.2	-5.99							
Acetone	30.0	30.7	2.26							
1,1-DCE	30.0	28.4	-5.33							
Methylene chloride	30.0	26.3	-12.5							
1,1,2-Trichloro-1,2,2-trifluoroet	30.0	29.5	-1.75							
MTBE (Methyl tert-Butyl	30.0	30.5	1.78							
1,1-DCA	30.0	28.8	-4.04							
MEK (2-Butanone)	30.0	36.2	20.8							
cis-1,2-DCE	30.0	29.4	-2.13							
Chloroform	30.0	29.3	-2.43							
1,2-DCA	30.0	28.4	-5.41							
1,1,1-TCA	30.0	29.4	-2.15							
Carbon tetrachloride	30.0	33.2	10.6							
Benzene	30.0	30.1	0.15							
1,2-Dichloropropane	30.0	29.0	-3.36							
TCE	30.0	39.6	32.0							*
cis-1,3-Dichloropropene	30.0	30.9	3.14							
trans-1,3-Dichloropropene	30.0	31.9	6.17							
1,1,2-TCA	30.0	30.4	1.22							
Toluene-d8	10.0	10.3	2.89							
Toluene	30.0	28.9	-3.84							
1,2-EDB	30.0	31.5	5.12							

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION-GC/MS ANALYSIS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Initial Calibration ID: 102010AA1

CCV #4 ID: CV1-1027 CCV #5 ID: CCV #6 ID:

CCV #4 File ID: CV1-1027.D CCV #5 File ID: CCV #6 File ID:

GC Column ID: ZB-624 Concentration Units: ppbv

Analyte	CCV #4			CCV #5			CCV #6			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Tetrachloroethylene	30.0	31.9	6.18							
Chlorobenzene	30.0	28.1	-6.36							
Ethylbenzene	30.0	27.7	-7.61							
m,p-Xylene	60.0	55.0	-8.35							
Styrene	30.0	30.2	0.74							
o-Xylene	30.0	27.7	-7.60							
1,1,2,2-Tetrachloroethane	30.0	33.0	9.82							
4-Bromofluorobenzene	2.50	3.05	22.1							
1,3,5-Trimethylbenzene	30.0	28.3	-5.62							
1,2,4-Trimethylbenzene	30.0	29.5	-1.84							
1,3-DCB	30.0	30.1	0.19							
1,4-DCB	30.0	30.5	1.67							
1,2-DCB	30.0	29.4	-1.91							
1,2,4-Trichlorobenzene	30.0	31.8	6.05							
Hexachlorobutadiene	30.0	26.9	-10.3							

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1022

Concentration Units: ppbv

Date Analyzed: 22 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.03	0.03	0.5	
Chloromethane	0.04	0.04	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.04	0.04	0.5	
Bromomethane	0.03	0.03	0.5	
Chloroethane	0.06	0.06	0.5	
Trichlorofluoromethane	0.16	0.16	0.5	
Acetone	0.18	**0.36**	1.0	F
1,1-DCE	0.11	0.11	0.5	
Methylene chloride	0.12	0.12	2.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.07	0.07	0.5	
MTBE (Methyl tert-Butyl Ether)	0.08	0.08	1.0	
1,1-DCA	0.09	0.09	0.5	
MEK (2-Butanone)	0.05	0.05	1.0	
cis-1,2-DCE	0.09	0.09	0.5	
Chloroform	0.07	0.07	0.5	
1,2-DCA	0.09	0.09	0.5	
1,1,1-TCA	0.05	0.05	0.5	
Carbon tetrachloride	0.04	0.04	0.5	
Benzene	0.08	**0.23**	0.5	F
1,2-Dichloropropane	0.08	0.08	0.5	
TCE	0.12	0.12	0.5	
cis-1,3-Dichloropropene	0.05	0.05	0.5	
trans-1,3-Dichloropropene	0.04	0.04	0.5	
1,1,2-TCA	0.08	0.08	0.5	
Toluene	0.08	**0.23**	0.5	F
1,2-EDB	0.07	0.07	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.05	0.05	0.5	
Ethylbenzene	0.06	0.06	0.5	
m,p-Xylene	0.13	0.13	0.5	
Styrene	0.07	0.07	0.5	
o-Xylene	0.07	0.07	0.5	
1,1,2,2-Tetrachloroethane	0.05	0.05	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1022

Concentration Units: ppbv

Date Analyzed: 22 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.07	0.07	0.5	
1,2,4-Trimethylbenzene	0.06	0.06	0.5	
1,3-DCB	0.07	0.07	0.5	
1,4-DCB	0.10	0.10	0.5	
1,2-DCB	0.09	0.09	0.5	
1,2,4-Trichlorobenzene	0.10	0.10	0.5	
Hexachlorobutadiene	0.07	0.07	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	97	60-140	
4-Bromofluorobenzene	95	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1025

Concentration Units: ppbv

Date Analyzed: 25 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.03	0.03	0.5	
Chloromethane	0.04	0.04	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.04	0.04	0.5	
Bromomethane	0.03	0.03	0.5	
Chloroethane	0.06	0.06	0.5	
Trichlorofluoromethane	0.16	0.16	0.5	
Acetone	0.18	**0.46**	1.0	**F**
1,1-DCE	0.11	0.11	0.5	
Methylene chloride	0.12	0.12	2.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.07	0.07	0.5	
MTBE (Methyl tert-Butyl Ether)	0.08	0.08	1.0	
1,1-DCA	0.09	0.09	0.5	
MEK (2-Butanone)	0.05	0.05	1.0	
cis-1,2-DCE	0.09	0.09	0.5	
Chloroform	0.07	0.07	0.5	
1,2-DCA	0.09	0.09	0.5	
1,1,1-TCA	0.05	0.05	0.5	
Carbon tetrachloride	0.04	0.04	0.5	
Benzene	0.08	**0.27**	0.5	**F***
1,2-Dichloropropane	0.08	0.08	0.5	
TCE	0.12	0.12	0.5	
cis-1,3-Dichloropropene	0.05	0.05	0.5	
trans-1,3-Dichloropropene	0.04	0.04	0.5	
1,1,2-TCA	0.08	0.08	0.5	
Toluene	0.08	**0.20**	0.5	**F**
1,2-EDB	0.07	0.07	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.05	0.05	0.5	
Ethylbenzene	0.06	0.06	0.5	
m,p-Xylene	0.13	0.13	0.5	
Styrene	0.07	0.07	0.5	
o-Xylene	0.07	0.07	0.5	
1,1,2,2-Tetrachloroethane	0.05	0.05	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1025

Concentration Units: ppbv

Date Analyzed: 25 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.07	0.07	0.5	
1,2,4-Trimethylbenzene	0.06	0.06	0.5	
1,3-DCB	0.07	0.07	0.5	
1,4-DCB	0.10	0.10	0.5	
1,2-DCB	0.09	0.09	0.5	
1,2,4-Trichlorobenzene	0.10	0.10	0.5	
Hexachlorobutadiene	0.07	0.07	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	60-140	
4-Bromofluorobenzene	96	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.11	0.11	0.5	
Chloromethane	0.09	0.09	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.08	0.08	0.5	
Bromomethane	0.11	0.11	0.5	
Chloroethane	0.14	0.14	0.5	
Trichlorofluoromethane	0.11	0.11	0.5	
Acetone	0.11	0.11	1.0	
1,1-DCE	0.15	0.15	0.5	
Methylene chloride	0.10	**0.16**	2.5	**F**
1,1,2-Trichloro-1,2,2-trifluoroethane	0.09	0.09	0.5	
MTBE (Methyl tert-Butyl Ether)	0.14	0.14	1.0	
1,1-DCA	0.08	0.08	0.5	
MEK (2-Butanone)	0.06	0.06	1.0	
cis-1,2-DCE	0.10	0.10	0.5	
Chloroform	0.21	0.21	0.5	
1,2-DCA	0.07	0.07	0.5	
1,1,1-TCA	0.08	0.08	0.5	
Carbon tetrachloride	0.08	0.08	0.5	
Benzene	0.07	0.07	0.5	
1,2-Dichloropropane	0.07	0.07	0.5	
TCE	0.08	0.08	0.5	
cis-1,3-Dichloropropene	0.10	0.10	0.5	
trans-1,3-Dichloropropene	0.10	0.10	0.5	
1,1,2-TCA	0.11	0.11	0.5	
Toluene	0.10	0.10	0.5	
1,2-EDB	0.09	0.09	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.09	0.09	0.5	
Ethylbenzene	0.11	0.11	0.5	
m,p-Xylene	0.25	0.25	0.5	
Styrene	0.11	0.11	0.5	
o-Xylene	0.13	0.13	0.5	
1,1,2,2-Tetrachloroethane	0.20	0.20	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.13	0.13	0.5	
1,2,4-Trimethylbenzene	0.14	0.14	0.5	
1,3-DCB	0.13	0.13	0.5	
1,4-DCB	0.12	0.12	0.5	
1,2-DCB	0.12	0.12	0.5	
1,2,4-Trichlorobenzene	0.09	0.09	0.5	
Hexachlorobutadiene	0.12	0.12	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	100	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1026A

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.03	0.03	0.5	
Chloromethane	0.04	0.04	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.04	0.04	0.5	
Bromomethane	0.03	0.03	0.5	
Chloroethane	0.06	0.06	0.5	
Trichlorofluoromethane	0.16	0.16	0.5	
Acetone	0.18	**0.51**	1.0	**F***
1,1-DCE	0.11	0.11	0.5	
Methylene chloride	0.12	0.12	2.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.07	0.07	0.5	
MTBE (Methyl tert-Butyl Ether)	0.08	0.08	1.0	
1,1-DCA	0.09	0.09	0.5	
MEK (2-Butanone)	0.05	0.05	1.0	
cis-1,2-DCE	0.09	0.09	0.5	
Chloroform	0.07	0.07	0.5	
1,2-DCA	0.09	0.09	0.5	
1,1,1-TCA	0.05	0.05	0.5	
Carbon tetrachloride	0.04	0.04	0.5	
Benzene	0.08	**0.21**	0.5	**F**
1,2-Dichloropropane	0.08	0.08	0.5	
TCE	0.12	0.12	0.5	
cis-1,3-Dichloropropene	0.05	0.05	0.5	
trans-1,3-Dichloropropene	0.04	0.04	0.5	
1,1,2-TCA	0.08	0.08	0.5	
Toluene	0.08	**0.21**	0.5	**F**
1,2-EDB	0.07	0.07	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.05	0.05	0.5	
Ethylbenzene	0.06	0.06	0.5	
m,p-Xylene	0.13	0.13	0.5	
Styrene	0.07	0.07	0.5	
o-Xylene	0.07	0.07	0.5	
1,1,2,2-Tetrachloroethane	0.05	0.05	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1026A

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.07	0.07	0.5	
1,2,4-Trimethylbenzene	0.06	0.06	0.5	
1,3-DCB	0.07	0.07	0.5	
1,4-DCB	0.10	0.10	0.5	
1,2-DCB	0.09	0.09	0.5	
1,2,4-Trichlorobenzene	0.10	0.10	0.5	
Hexachlorobutadiene	0.07	0.07	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	60-140	
4-Bromofluorobenzene	98	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.11	0.11	0.5	
Chloromethane	0.09	0.09	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.08	0.08	0.5	
Bromomethane	0.11	0.11	0.5	
Chloroethane	0.14	0.14	0.5	
Trichlorofluoromethane	0.11	0.11	0.5	
Acetone	0.11	0.11	1.0	
1,1-DCE	0.15	0.15	0.5	
Methylene chloride	0.10	0.10	2.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.09	0.09	0.5	
MTBE (Methyl tert-Butyl Ether)	0.14	0.14	1.0	
1,1-DCA	0.08	0.08	0.5	
MEK (2-Butanone)	0.06	0.06	1.0	
cis-1,2-DCE	0.10	0.10	0.5	
Chloroform	0.21	0.21	0.5	
1,2-DCA	0.07	0.07	0.5	
1,1,1-TCA	0.08	0.08	0.5	
Carbon tetrachloride	0.08	0.08	0.5	
Benzene	0.07	0.07	0.5	
1,2-Dichloropropane	0.07	0.07	0.5	
TCE	0.08	0.08	0.5	
cis-1,3-Dichloropropene	0.10	0.10	0.5	
trans-1,3-Dichloropropene	0.10	0.10	0.5	
1,1,2-TCA	0.11	0.11	0.5	
Toluene	0.10	0.10	0.5	
1,2-EDB	0.09	0.09	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.09	0.09	0.5	
Ethylbenzene	0.11	0.11	0.5	
m,p-Xylene	0.25	0.25	0.5	
Styrene	0.11	0.11	0.5	
o-Xylene	0.13	0.13	0.5	
1,1,2,2-Tetrachloroethane	0.20	0.20	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.13	0.13	0.5	
1,2,4-Trimethylbenzene	0.14	0.14	0.5	
1,3-DCB	0.13	0.13	0.5	
1,4-DCB	0.12	0.12	0.5	
1,2-DCB	0.12	0.12	0.5	
1,2,4-Trichlorobenzene	0.09	0.09	0.5	
Hexachlorobutadiene	0.12	0.12	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	84	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1027A

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.03	0.03	0.5	
Chloromethane	0.04	0.04	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.04	0.04	0.5	
Bromomethane	0.03	0.03	0.5	
Chloroethane	0.06	0.06	0.5	
Trichlorofluoromethane	0.16	0.16	0.5	
Acetone	0.18	**0.56**	1.0	**F***
1,1-DCE	0.11	0.11	0.5	
Methylene chloride	0.12	0.12	2.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.07	0.07	0.5	
MTBE (Methyl tert-Butyl Ether)	0.08	0.08	1.0	
1,1-DCA	0.09	0.09	0.5	
MEK (2-Butanone)	0.05	0.05	1.0	
cis-1,2-DCE	0.09	0.09	0.5	
Chloroform	0.07	0.07	0.5	
1,2-DCA	0.09	0.09	0.5	
1,1,1-TCA	0.05	0.05	0.5	
Carbon tetrachloride	0.04	0.04	0.5	
Benzene	0.08	**0.32**	0.5	**F***
1,2-Dichloropropane	0.08	0.08	0.5	
TCE	0.12	0.12	0.5	
cis-1,3-Dichloropropene	0.05	0.05	0.5	
trans-1,3-Dichloropropene	0.04	0.04	0.5	
1,1,2-TCA	0.08	0.08	0.5	
Toluene	0.08	**0.23**	0.5	**F**
1,2-EDB	0.07	0.07	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.05	0.05	0.5	
Ethylbenzene	0.06	0.06	0.5	
m,p-Xylene	0.13	0.13	0.5	
Styrene	0.07	0.07	0.5	
o-Xylene	0.07	0.07	0.5	
1,1,2,2-Tetrachloroethane	0.05	0.05	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1027A

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.07	0.07	0.5	
1,2,4-Trimethylbenzene	0.06	0.06	0.5	
1,3-DCB	0.07	0.07	0.5	
1,4-DCB	0.10	0.10	0.5	
1,2-DCB	0.09	0.09	0.5	
1,2,4-Trichlorobenzene	0.10	0.10	0.5	
Hexachlorobutadiene	0.07	0.07	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	101	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1028

Concentration Units: ppbv

Date Analyzed: 28 Oct 10

Analyte	MDL	Method Blank	PQL	Q
Dichlorodifluoromethane	0.11	0.11	0.5	
Chloromethane	0.09	0.09	0.5	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.09	0.09	0.5	
Vinyl chloride	0.08	0.08	0.5	
Bromomethane	0.11	0.11	0.5	
Chloroethane	0.14	0.14	0.5	
Trichlorofluoromethane	0.11	0.11	0.5	
Acetone	0.11	0.11	1.0	
1,1-DCE	0.15	0.15	0.5	
Methylene chloride	0.10	**0.13**	2.5	**F**
1,1,2-Trichloro-1,2,2-trifluoroethane	0.09	0.09	0.5	
MTBE (Methyl tert-Butyl Ether)	0.14	0.14	1.0	
1,1-DCA	0.08	0.08	0.5	
MEK (2-Butanone)	0.06	0.06	1.0	
cis-1,2-DCE	0.10	0.10	0.5	
Chloroform	0.21	0.21	0.5	
1,2-DCA	0.07	0.07	0.5	
1,1,1-TCA	0.08	0.08	0.5	
Carbon tetrachloride	0.08	0.08	0.5	
Benzene	0.07	0.07	0.5	
1,2-Dichloropropane	0.07	0.07	0.5	
TCE	0.08	0.08	0.5	
cis-1,3-Dichloropropene	0.10	0.10	0.5	
trans-1,3-Dichloropropene	0.10	0.10	0.5	
1,1,2-TCA	0.11	0.11	0.5	
Toluene	0.10	0.10	0.5	
1,2-EDB	0.09	0.09	0.5	
Tetrachloroethylene	0.06	0.06	0.5	
Chlorobenzene	0.09	0.09	0.5	
Ethylbenzene	0.11	0.11	0.5	
m,p-Xylene	0.25	0.25	0.5	
Styrene	0.11	0.11	0.5	
o-Xylene	0.13	0.13	0.5	
1,1,2,2-Tetrachloroethane	0.20	0.20	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1028

Concentration Units: ppbv

Date Analyzed: 28 Oct 10

Analyte	MDL	Method Blank	PQL	Q
1,3,5-Trimethylbenzene	0.13	0.13	0.5	
1,2,4-Trimethylbenzene	0.14	0.14	0.5	
1,3-DCB	0.13	0.13	0.5	
1,4-DCB	0.12	0.12	0.5	
1,2-DCB	0.12	0.12	0.5	
1,2,4-Trichlorobenzene	0.09	0.09	0.5	
Hexachlorobutadiene	0.12	0.12	0.5	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	102	60-140	
4-Bromofluorobenzene	83	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1022

Concentration Units: ppbv

Date Analyzed: 22 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	24.0	80	70-130	
Chloromethane	30	23.7	79	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	23.7	79	70-130	
Vinyl chloride	30	25.5	85	70-130	
Bromomethane	30	27.6	92	70-130	
Chloroethane	30	26.7	89	70-130	
Trichlorofluoromethane	30	24.7	82	70-130	
Acetone	30	27.2	91	70-130	
1,1-DCE	30	25.0	83	70-130	
Methylene chloride	30	23.4	78	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	25.7	86	70-130	
MTBE (Methyl tert-Butyl Ether)	30	26.9	90	70-130	
1,1-DCA	30	25.5	85	70-130	
MEK (2-Butanone)	30	31.8	106	70-130	
cis-1,2-DCE	30	26.2	87	70-130	
Chloroform	30	25.7	86	70-130	
1,2-DCA	30	25.2	84	70-130	
1,1,1-TCA	30	25.7	86	70-130	
Carbon tetrachloride	30	29.3	98	70-130	
Benzene	30	26.4	88	70-130	
1,2-Dichloropropane	30	26.4	88	70-130	
TCE	30	34.3	114	70-130	
cis-1,3-Dichloropropene	30	28.1	94	70-130	
trans-1,3-Dichloropropene	30	28.9	96	70-130	
1,1,2-TCA	30	27.3	91	70-130	
Toluene	30	25.9	86	70-130	
1,2-EDB	30	28.6	95	70-130	
Tetrachloroethylene	30	28.3	94	70-130	
Chlorobenzene	30	25.1	84	70-130	
Ethylbenzene	30	24.8	83	70-130	
m,p-Xylene	60	49.2	82	70-130	
Styrene	30	27.0	90	70-130	
o-Xylene	30	24.7	82	70-130	
1,1,2,2-Tetrachloroethane	30	33.3	111	70-130	
1,3,5-Trimethylbenzene	30	25.1	84	70-130	
1,2,4-Trimethylbenzene	30	26.2	87	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1022

Concentration Units: ppbv

Date Analyzed: 22 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	26.7	89	70-130	
1,4-DCB	30	27.1	90	70-130	
1,2-DCB	30	26.1	87	70-130	
1,2,4-Trichlorobenzene	30	27.5	92	70-130	
Hexachlorobutadiene	30	23.6	79	70-130	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	117	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1025

Concentration Units: ppbv

Date Analyzed: 25 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	25.3	84	70-130	
Chloromethane	30	24.9	83	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	24.8	83	70-130	
Vinyl chloride	30	26.3	88	70-130	
Bromomethane	30	26.1	87	70-130	
Chloroethane	30	25.7	86	70-130	
Trichlorofluoromethane	30	25.4	85	70-130	
Acetone	30	27.9	93	70-130	
1,1-DCE	30	25.8	86	70-130	
Methylene chloride	30	24.2	81	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	26.1	87	70-130	
MTBE (Methyl tert-Butyl Ether)	30	27.0	90	70-130	
1,1-DCA	30	26.0	87	70-130	
MEK (2-Butanone)	30	31.9	106	70-130	
cis-1,2-DCE	30	26.9	90	70-130	
Chloroform	30	26.1	87	70-130	
1,2-DCA	30	25.9	86	70-130	
1,1,1-TCA	30	26.3	88	70-130	
Carbon tetrachloride	30	30.0	100	70-130	
Benzene	30	26.3	88	70-130	
1,2-Dichloropropane	30	25.8	86	70-130	
TCE	30	34.3	114	70-130	
cis-1,3-Dichloropropene	30	27.7	92	70-130	
trans-1,3-Dichloropropene	30	28.6	95	70-130	
1,1,2-TCA	30	26.9	90	70-130	
Toluene	30	25.4	85	70-130	
1,2-EDB	30	27.6	92	70-130	
Tetrachloroethylene	30	27.6	92	70-130	
Chlorobenzene	30	25.5	85	70-130	
Ethylbenzene	30	25.2	84	70-130	
m,p-Xylene	60	50.0	83	70-130	
Styrene	30	27.4	91	70-130	
o-Xylene	30	25.2	84	70-130	
1,1,2,2-Tetrachloroethane	30	31.3	104	70-130	
1,3,5-Trimethylbenzene	30	25.7	86	70-130	
1,2,4-Trimethylbenzene	30	26.7	89	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1025

Concentration Units: ppbv

Date Analyzed: 25 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	27.2	91	70-130	
1,4-DCB	30	27.4	91	70-130	
1,2-DCB	30	26.4	88	70-130	
1,2,4-Trichlorobenzene	30	27.9	93	70-130	
Hexachlorobutadiene	30	24.0	80	70-130	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	103	60-140	
4-Bromofluorobenzene	113	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	27.8	93	70-130	
Chloromethane	30	27.2	91	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	27.2	91	70-130	
Vinyl chloride	30	28.7	96	70-130	
Bromomethane	30	28.6	95	70-130	
Chloroethane	30	28.1	94	70-130	
Trichlorofluoromethane	30	27.8	93	70-130	
Acetone	30	29.7	99	70-130	
1,1-DCE	30	28.1	94	70-130	
Methylene chloride	30	26.7	89	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	28.2	94	70-130	
MTBE (Methyl tert-Butyl Ether)	30	29.1	97	70-130	
1,1-DCA	30	28.2	94	70-130	
MEK (2-Butanone)	30	34.1	114	70-130	
cis-1,2-DCE	30	29.6	99	70-130	
Chloroform	30	28.6	95	70-130	
1,2-DCA	30	28.7	96	70-130	
1,1,1-TCA	30	28.8	96	70-130	
Carbon tetrachloride	30	32.9	110	70-130	
Benzene	30	28.2	94	70-130	
1,2-Dichloropropane	30	28.6	95	70-130	
TCE	30	38.4	128	70-130	
cis-1,3-Dichloropropene	30	30.3	101	70-130	
trans-1,3-Dichloropropene	30	31.4	105	70-130	
1,1,2-TCA	30	29.4	98	70-130	
Toluene	30	27.9	93	70-130	
1,2-EDB	30	30.5	102	70-130	
Tetrachloroethylene	30	30.3	101	70-130	
Chlorobenzene	30	26.4	88	70-130	
Ethylbenzene	30	26.4	88	70-130	
m,p-Xylene	60	52.4	87	70-130	
Styrene	30	28.3	94	70-130	
o-Xylene	30	26.3	88	70-130	
1,1,2,2-Tetrachloroethane	30	31.2	104	70-130	
1,3,5-Trimethylbenzene	30	26.8	89	70-130	
1,2,4-Trimethylbenzene	30	27.9	93	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	28.3	94	70-130	
1,4-DCB	30	28.7	96	70-130	
1,2-DCB	30	27.6	92	70-130	
1,2,4-Trichlorobenzene	30	29.2	97	70-130	
Hexachlorobutadiene	30	25.3	84	70-130	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	105	60-140	
4-Bromofluorobenzene	120	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	31.4	105	70-130	
Chloromethane	30	36.6	122	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	32.9	110	70-130	
Vinyl chloride	30	32.7	109	70-130	
Bromomethane	30	30.7	102	70-130	
Chloroethane	30	30.7	102	70-130	
Trichlorofluoromethane	30	31.0	103	70-130	
Acetone	30	30.3	101	70-130	
1,1-DCE	30	31.2	104	70-130	
Methylene chloride	30	30.4	101	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	30.9	103	70-130	
MTBE (Methyl tert-Butyl Ether)	30	30.4	101	70-130	
1,1-DCA	30	31.8	106	70-130	
MEK (2-Butanone)	30	33.5	112	70-130	
cis-1,2-DCE	30	32.0	107	70-130	
Chloroform	30	31.3	104	70-130	
1,2-DCA	30	31.8	106	70-130	
1,1,1-TCA	30	29.8	99	70-130	
Carbon tetrachloride	30	29.4	98	70-130	
Benzene	30	31.4	105	70-130	
1,2-Dichloropropane	30	34.2	114	70-130	
TCE	30	31.6	105	70-130	
cis-1,3-Dichloropropene	30	32.7	109	70-130	
trans-1,3-Dichloropropene	30	33.8	113	70-130	
1,1,2-TCA	30	33.0	110	70-130	
Toluene	30	34.2	114	70-130	
1,2-EDB	30	33.8	113	70-130	
Tetrachloroethylene	30	31.7	106	70-130	
Chlorobenzene	30	31.0	103	70-130	
Ethylbenzene	30	31.0	103	70-130	
m,p-Xylene	60	60.6	101	70-130	
Styrene	30	31.4	105	70-130	
o-Xylene	30	30.5	102	70-130	
1,1,2,2-Tetrachloroethane	30	29.9	100	70-130	
1,3,5-Trimethylbenzene	30	30.0	100	70-130	
1,2,4-Trimethylbenzene	30	30.1	100	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1026

Concentration Units: ppbv

Date Analyzed: 26 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	31.8	106	70-130	
1,4-DCB	30	31.6	105	70-130	
1,2-DCB	30	31.6	105	70-130	
1,2,4-Trichlorobenzene	30	53.4	178	70-130	*
Hexachlorobutadiene	30	44.7	149	70-130	*

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	110	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	26.6	89	70-130	
Chloromethane	30	26.0	87	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	26.8	89	70-130	
Vinyl chloride	30	28.3	94	70-130	
Bromomethane	30	30.4	101	70-130	
Chloroethane	30	29.5	98	70-130	
Trichlorofluoromethane	30	28.0	93	70-130	
Acetone	30	30.3	101	70-130	
1,1-DCE	30	28.0	93	70-130	
Methylene chloride	30	25.7	86	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	28.9	96	70-130	
MTBE (Methyl tert-Butyl Ether)	30	29.9	100	70-130	
1,1-DCA	30	28.4	95	70-130	
MEK (2-Butanone)	30	35.4	118	70-130	
cis-1,2-DCE	30	29.5	98	70-130	
Chloroform	30	28.7	96	70-130	
1,2-DCA	30	28.1	94	70-130	
1,1,1-TCA	30	28.8	96	70-130	
Carbon tetrachloride	30	32.7	109	70-130	
Benzene	30	29.4	98	70-130	
1,2-Dichloropropane	30	28.6	95	70-130	
TCE	30	38.8	129	70-130	
cis-1,3-Dichloropropene	30	30.5	102	70-130	
trans-1,3-Dichloropropene	30	31.5	105	70-130	
1,1,2-TCA	30	29.8	99	70-130	
Toluene	30	28.5	95	70-130	
1,2-EDB	30	30.4	101	70-130	
Tetrachloroethylene	30	31.3	104	70-130	
Chlorobenzene	30	26.9	90	70-130	
Ethylbenzene	30	26.6	89	70-130	
m,p-Xylene	60	52.6	88	70-130	
Styrene	30	29.0	97	70-130	
o-Xylene	30	26.4	88	70-130	
1,1,2,2-Tetrachloroethane	30	32.9	110	70-130	
1,3,5-Trimethylbenzene	30	27.0	90	70-130	
1,2,4-Trimethylbenzene	30	28.2	94	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X-1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	28.9	96	70-130	
1,4-DCB	30	29.2	97	70-130	
1,2-DCB	30	28.1	94	70-130	
1,2,4-Trichlorobenzene	30	29.9	100	70-130	
Hexachlorobutadiene	30	25.6	85	70-130	

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	104	60-140	
4-Bromofluorobenzene	124	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	27.6	92	70-130	
Chloromethane	30	31.8	106	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	28.2	94	70-130	
Vinyl chloride	30	28.3	94	70-130	
Bromomethane	30	27.0	90	70-130	
Chloroethane	30	28.0	93	70-130	
Trichlorofluoromethane	30	27.9	93	70-130	
Acetone	30	26.6	89	70-130	
1,1-DCE	30	27.3	91	70-130	
Methylene chloride	30	26.9	90	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	26.0	87	70-130	
MTBE (Methyl tert-Butyl Ether)	30	25.8	86	70-130	
1,1-DCA	30	28.2	94	70-130	
MEK (2-Butanone)	30	27.8	93	70-130	
cis-1,2-DCE	30	28.5	95	70-130	
Chloroform	30	28.0	93	70-130	
1,2-DCA	30	28.1	94	70-130	
1,1,1-TCA	30	26.8	89	70-130	
Carbon tetrachloride	30	26.2	87	70-130	
Benzene	30	26.8	89	70-130	
1,2-Dichloropropane	30	28.1	94	70-130	
TCE	30	27.5	92	70-130	
cis-1,3-Dichloropropene	30	27.4	91	70-130	
trans-1,3-Dichloropropene	30	27.6	92	70-130	
1,1,2-TCA	30	26.7	89	70-130	
Toluene	30	28.2	94	70-130	
1,2-EDB	30	27.4	91	70-130	
Tetrachloroethylene	30	26.3	88	70-130	
Chlorobenzene	30	26.2	87	70-130	
Ethylbenzene	30	25.9	86	70-130	
m,p-Xylene	60	51.8	86	70-130	
Styrene	30	26.4	88	70-130	
o-Xylene	30	26.1	87	70-130	
1,1,2,2-Tetrachloroethane	30	26.1	87	70-130	
1,3,5-Trimethylbenzene	30	26.1	87	70-130	
1,2,4-Trimethylbenzene	30	26.5	88	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1027

Concentration Units: ppbv

Date Analyzed: 27 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	28.0	93	70-130	
1,4-DCB	30	26.6	89	70-130	
1,2-DCB	30	27.0	90	70-130	
1,2,4-Trichlorobenzene	30	48.2	161	70-130	*
Hexachlorobutadiene	30	40.3	134	70-130	*

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	112	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1028

Concentration Units: ppbv

Date Analyzed: 28 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Dichlorodifluoromethane	30	28.7	96	70-130	
Chloromethane	30	32.3	108	70-130	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	30	29.3	98	70-130	
Vinyl chloride	30	28.4	95	70-130	
Bromomethane	30	27.1	90	70-130	
Chloroethane	30	27.0	90	70-130	
Trichlorofluoromethane	30	27.6	92	70-130	
Acetone	30	26.7	89	70-130	
1,1-DCE	30	27.4	91	70-130	
Methylene chloride	30	26.0	87	70-130	
1,1,2-Trichloro-1,2,2-trifluoroethane	30	27.4	91	70-130	
MTBE (Methyl tert-Butyl Ether)	30	27.1	90	70-130	
1,1-DCA	30	28.8	96	70-130	
MEK (2-Butanone)	30	28.2	94	70-130	
cis-1,2-DCE	30	28.1	94	70-130	
Chloroform	30	28.3	94	70-130	
1,2-DCA	30	27.9	93	70-130	
1,1,1-TCA	30	27.4	91	70-130	
Carbon tetrachloride	30	26.2	87	70-130	
Benzene	30	27.7	92	70-130	
1,2-Dichloropropane	30	29.4	98	70-130	
TCE	30	29.5	98	70-130	
cis-1,3-Dichloropropene	30	29.4	98	70-130	
trans-1,3-Dichloropropene	30	29.5	98	70-130	
1,1,2-TCA	30	29.2	97	70-130	
Toluene	30	30.1	100	70-130	
1,2-EDB	30	29.6	99	70-130	
Tetrachloroethylene	30	28.6	95	70-130	
Chlorobenzene	30	27.5	92	70-130	
Ethylbenzene	30	27.6	92	70-130	
m,p-Xylene	60	54.3	91	70-130	
Styrene	30	27.7	92	70-130	
o-Xylene	30	27.1	90	70-130	
1,1,2,2-Tetrachloroethane	30	23.3	78	70-130	
1,3,5-Trimethylbenzene	30	23.7	79	70-130	
1,2,4-Trimethylbenzene	30	23.9	80	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: TO15

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1028

Concentration Units: ppbv

Date Analyzed: 28 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
1,3-DCB	30	28.1	94	70-130	
1,4-DCB	30	28.4	95	70-130	
1,2-DCB	30	28.4	95	70-130	
1,2,4-Trichlorobenzene	30	49.6	165	70-130	*
Hexachlorobutadiene	30	40.8	136	70-130	*

Surrogate	Recovery	Control Limits	Qualifier
Toluene-d8	101	60-140	
4-Bromofluorobenzene	110	60-140	

Internal Standard	Qualifier
Bromochloromethane	
1,4-Difluorobenzene	
Chlorobenzene-d5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-1066POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-1066POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-1066INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-1068POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-1068POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	16	
ST106-AR-1068INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-1065INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	23 Oct 10	30	17	
ST106-AR-1065POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-106POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-106POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-106INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	19	
ST106-AR-10628-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-10628-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-10628-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-10628-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-10628-450DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW14-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW14-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW14-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW14-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVEW12-400	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW02-50	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	19	
ST106-AR-SVMW02-97	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVMW02-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVMW07-49	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVMW07-95	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVMW07-147	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVEW04-298	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVEW04-298DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVEW05-445	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-SVEW05-445DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVEW01-245	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	20	
ST106-AR-SVEW02-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	19	
ST106-AR-SVEW02-45DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	19	
ST106-AR-SVEW03-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	28 Oct 10	30	20	
ST106-AR-SVEW06-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	28 Oct 10	30	20	
ST106-AR-SVEW07-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	28 Oct 10	30	20	
ST106-AR-SVEW08-245	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	28 Oct 10	30	20	
ST106-AR-SVEW08-245DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	
ST106-AR-SVEW09-435	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	19	
ST106-AR-SVEW09-435DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	27 Oct 10	30	19	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSAA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
LEVEL1	LEVEL1D.D	20 Oct 10	1646	20 Oct 10	1719
LEVEL2	LEVEL2.D	20 Oct 10	1729	20 Oct 10	1802
LEVEL3	LEVEL3.D	20 Oct 10	1812	20 Oct 10	1845
LEVEL4	LEVEL4.D	20 Oct 10	1856	20 Oct 10	1929
LEVEL5	LEVEL5.D	20 Oct 10	1943	20 Oct 10	2016
LEVEL6	LEVEL6.D	20 Oct 10	2028	20 Oct 10	2101
LEVEL7	LEVEL7.D	20 Oct 10	2114	20 Oct 10	2147

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSAA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
ICV21021	ICV21021.D	21 Oct 10	1027	21 Oct 10	1100

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSAA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1022	CV1-1022.D	22 Oct 10	1045	22 Oct 10	1118
BS1X-1022	BS1X1022.D	22 Oct 10	1130	22 Oct 10	1203
XB2-1022	XB2-1022.D	22 Oct 10	1300	22 Oct 10	1333
ST106-AR-1068POSTE2	J293105.D	22 Oct 10	2347	23 Oct 10	0020
ST106-AR-1065INLET	J293107.D	23 Oct 10	0119	23 Oct 10	0152

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSAA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1025	CV1-1025.D	25 Oct 10	1016	25 Oct 10	1049
BS1X-1025	BS1X1025.D	25 Oct 10	1059	25 Oct 10	1132
XB2-1025	XB2-1025.D	25 Oct 10	1230	25 Oct 10	1303
ST106-AR-1066POSTE1	J293101.D	25 Oct 10	1315	25 Oct 10	1348
ST106-AR-1066POSTE2	J293102.D	25 Oct 10	1444	25 Oct 10	1517
ST106-AR-1066INLET	J293103.D	25 Oct 10	1527	25 Oct 10	1600
ST106-AR-1068POSTE1	J293104.D	25 Oct 10	1611	25 Oct 10	1644
ST106-AR-1068INLET	J293106.D	25 Oct 10	1655	25 Oct 10	1728
ST106-AR-1065POSTE2	J293108.D	25 Oct 10	1740	25 Oct 10	1813
ST106-AR-106POSTE1	J293109.D	25 Oct 10	1823	25 Oct 10	1856
ST106-AR-106POSTE2	J293110.D	25 Oct 10	1907	25 Oct 10	1940
ST106-AR-106INLET	J293111.D	25 Oct 10	1953	25 Oct 10	2026
ST106-AR-10628-150	J293112.D	25 Oct 10	2038	25 Oct 10	2111
ST106-AR-SVMW14-150	J293117.D	26 Oct 10	0027	26 Oct 10	0100
ST106-AR-SVMW02-50	J293122.D	26 Oct 10	0414	26 Oct 10	0447
CV1-1026	CV1-1026.D	26 Oct 10	1007	26 Oct 10	1040
BS1X-1026	BS1X1026.D	26 Oct 10	1050	26 Oct 10	1123
XB2-1026A	XB2-1026.D	26 Oct 10	1217	26 Oct 10	1250
ST106-AR-10628-250	J293113.D	26 Oct 10	1300	26 Oct 10	1333
ST106-AR-10628-350	J293114.D	26 Oct 10	1426	26 Oct 10	1459
ST106-AR-10628-450	J293115.D	26 Oct 10	1511	26 Oct 10	1544
ST106-AR-10628-450DUP	J293116.D	26 Oct 10	1554	26 Oct 10	1627
ST106-AR-SVMW14-250	J293118.D	26 Oct 10	1639	26 Oct 10	1712
ST106-AR-SVMW14-350	J293119.D	26 Oct 10	1726	26 Oct 10	1759
ST106-AR-SVMW14-450	J293120.D	26 Oct 10	1813	26 Oct 10	1846
ST106-AR-SVEW12-400	J293121.D	26 Oct 10	1857	26 Oct 10	1930

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSAA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1027	CV1-1027.D	27 Oct 10	0953	27 Oct 10	1026
BS1X-1027	BS1X1027.D	27 Oct 10	1039	27 Oct 10	1112
XB2-1027A	XB2-1027.D	27 Oct 10	1213	27 Oct 10	1246
ST106-AR-SVMW02-97	J293123.D	27 Oct 10	1353	27 Oct 10	1426
ST106-AR-SVMW02-150	J293124.D	27 Oct 10	1520	27 Oct 10	1553
ST106-AR-SVMW07-49	J293125.D	27 Oct 10	1651	27 Oct 10	1724
ST106-AR-SVMW07-95	J293126.D	27 Oct 10	1734	27 Oct 10	1807
ST106-AR-SVMW07-147	J293127.D	27 Oct 10	1819	27 Oct 10	1852
ST106-AR-SVEW04-298	J293128.D	27 Oct 10	1905	27 Oct 10	1938
ST106-AR-SVEW04-298DUP	J293129.D	27 Oct 10	1949	27 Oct 10	2022
ST106-AR-SVEW05-445	J293130.D	27 Oct 10	2033	27 Oct 10	2106
ST106-AR-SVEW05-445DUP	J293131.D	27 Oct 10	2118	27 Oct 10	2151
ST106-AR-SVEW01-245	J293132.D	27 Oct 10	2208	27 Oct 10	2241
ST106-AR-SVEW02-45	J293133.D	27 Oct 10	2254	27 Oct 10	2327

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSR

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
LEVEL1	LEVEL1R.D	18 Oct 10	1247	18 Oct 10	1318
LEVEL2	LEVEL2.D	18 Oct 10	1334	18 Oct 10	1405
LEVEL3	LEVEL3.D	18 Oct 10	1422	18 Oct 10	1453
LEVEL4	LEVEL4.D	18 Oct 10	1509	18 Oct 10	1540
LEVEL5	LEVEL5.D	18 Oct 10	1556	18 Oct 10	1627
LEVEL6	LEVEL6.D	18 Oct 10	1644	18 Oct 10	1715
LEVEL7	LEVEL7.D	18 Oct 10	1734	18 Oct 10	1805
ICV21018	ICV21018.D	18 Oct 10	1909	18 Oct 10	1940

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: MSR

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Laboratory File ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1 1026	CV1-1026.D	26 Oct 10	0947	26 Oct 10	1018
BS1X1026	BS1X1026.D	26 Oct 10	1035	26 Oct 10	1106
XB2-1026	XB3-1026.D	26 Oct 10	1533	26 Oct 10	1604
ST106-AR-SVEW08-245DUP	J293139.D	26 Oct 10	2328	26 Oct 10	2359
ST106-AR-SVEW09-435	J293140.D	27 Oct 10	0016	27 Oct 10	0047
ST106-AR-SVEW09-435DUP	J293141.D	27 Oct 10	0104	27 Oct 10	0135
CV2-1027	CV2-1027.D	27 Oct 10	1034	27 Oct 10	1105
BS1X1027	BS1X1027.D	27 Oct 10	1122	27 Oct 10	1153
XB2-1027	XB2-1027.D	27 Oct 10	1258	27 Oct 10	1329
ST106-AR-SVEW02-45DUP	J293134.D	27 Oct 10	2337	28 Oct 10	0008
ST106-AR-SVEW03-145	J293135.D	28 Oct 10	0024	28 Oct 10	0055
ST106-AR-SVEW06-45	J293136.D	28 Oct 10	0112	28 Oct 10	0143
ST106-AR-SVEW07-145	J293137.D	28 Oct 10	0200	28 Oct 10	0231
CV1-1028	CV1-1028.D	28 Oct 10	1339	28 Oct 10	1410
BS1X1028	BS1X-1028.D	28 Oct 10	1426	28 Oct 10	1457
XB2-1028	XB2-1028.D	28 Oct 10	1649	28 Oct 10	1720
ST106-AR-SVEW08-245	J293138.D	28 Oct 10	1908	28 Oct 10	1939

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Compound: BFB Injection Date/Time: 20 Oct 10 1646

Mass	Ion Abundance Criteria	% Relative Abundance		Q
50	15% to 40% of mass 95	19.8		
75	30% to 60% of mass 95	46.7		
95	base peak, 100% relative abundance	100.0		
96	5% to 9% of mass 95	6.2		
173	0% to less than 2% of mass 174	0.7	(0.9)	
174	greater than 50% of mass 95	81.2		
175	5% to 9% of mass 174	5.1	(6.2)	
176	>95%, but <101% of mass 174	78.3	(96.4)	
177	5% to 9% of mass 176	4.7	(6.0)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
LEVEL1	LEVEL1	20 Oct 10	1646
LEVEL2	LEVEL2	20 Oct 10	1729
LEVEL3	LEVEL3	20 Oct 10	1812
LEVEL4	LEVEL4	20 Oct 10	1856
LEVEL5	LEVEL5	20 Oct 10	1943
LEVEL6	LEVEL6	20 Oct 10	2028
LEVEL7	LEVEL7	20 Oct 10	2114
ICV21021	ICV21021	21 Oct 10	1027

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Compound: BFB Injection Date/Time: 22 Oct 10 1045

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	18.9	
75	30% to 60% of mass 95	45.0	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	6.9	
173	0% to less than 2% of mass 174	1.0 (1.1)	
174	greater than 50% of mass 95	87.5	
175	5% to 9% of mass 174	6.1 (6.9)	
176	>95%, but <101% of mass 174	83.4 (95.3)	
177	5% to 9% of mass 176	5.3 (6.3)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1-1022	CV1-1022	22 Oct 10	1045
BS1X-1022	BS1X-1022	22 Oct 10	1130
XB2-1022	XB2-1022	22 Oct 10	1300
ST106-AR-1068POSTE2	J293105	22 Oct 10	2347
ST106-AR-1065INLET	J293107	23 Oct 10	0119

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Compound: BFB Injection Date/Time: 25 Oct 10 1016

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	18.5	
75	30% to 60% of mass 95	43.5	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	6.5	
173	0% to less than 2% of mass 174	0.8 (1.0)	
174	greater than 50% of mass 95	86.5	
175	5% to 9% of mass 174	6.2 (7.2)	
176	>95%, but <101% of mass 174	84.5 (97.8)	
177	5% to 9% of mass 176	6.2 (7.3)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1-1025	CV1-1025	25 Oct 10	1016
BS1X-1025	BS1X-1025	25 Oct 10	1059
XB2-1025	XB2-1025	25 Oct 10	1230
ST106-AR-1066POSTE1	J293101	25 Oct 10	1315
ST106-AR-1066POSTE2	J293102	25 Oct 10	1444
ST106-AR-1066INLET	J293103	25 Oct 10	1527
ST106-AR-1068POSTE1	J293104	25 Oct 10	1611
ST106-AR-1068INLET	J293106	25 Oct 10	1655
ST106-AR-1065POSTE2	J293108	25 Oct 10	1740
ST106-AR-106POSTE1	J293109	25 Oct 10	1823
ST106-AR-106POSTE2	J293110	25 Oct 10	1907
ST106-AR-106INLET	J293111	25 Oct 10	1953
ST106-AR-10628-150	J293112	25 Oct 10	2038
ST106-AR-SVMW14-150	J293117	26 Oct 10	0027
ST106-AR-SVMW02-50	J293122	26 Oct 10	0414

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Compound: BFB Injection Date/Time: 26 Oct 10 1007

Mass	Ion Abundance Criteria	% Relative Abundance		Q
50	15% to 40% of mass 95	18.5		
75	30% to 60% of mass 95	42.8		
95	base peak, 100% relative abundance	100.0		
96	5% to 9% of mass 95	7.3		
173	0% to less than 2% of mass 174	0.7	(0.9)	
174	greater than 50% of mass 95	83.7		
175	5% to 9% of mass 174	5.8	(6.9)	
176	>95%, but <101% of mass 174	83.2	(99.4)	
177	5% to 9% of mass 176	4.9	(5.9)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1-1026	CV1-1026	26 Oct 10	1007
BS1X-1026	BS1X-1026	26 Oct 10	1050
XB2-1026A	XB2-1026A	26 Oct 10	1217
ST106-AR-10628-250	J293113	26 Oct 10	1300
ST106-AR-10628-350	J293114	26 Oct 10	1426
ST106-AR-10628-450	J293115	26 Oct 10	1511
ST106-AR-10628-450DUP	J293116	26 Oct 10	1554
ST106-AR-SVMW14-250	J293118	26 Oct 10	1639
ST106-AR-SVMW14-350	J293119	26 Oct 10	1726
ST106-AR-SVMW14-450	J293120	26 Oct 10	1813
ST106-AR-SVEW12-400	J293121	26 Oct 10	1857

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Compound: BFB Injection Date/Time: 27 Oct 10 0953

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	20.1	
75	30% to 60% of mass 95	42.7	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	6.9	
173	0% to less than 2% of mass 174	0.9 (1.1)	
174	greater than 50% of mass 95	86.7	
175	5% to 9% of mass 174	6.2 (7.2)	
176	>95%, but <101% of mass 174	87.3 (100.6)	
177	5% to 9% of mass 176	5.4 (6.2)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1-1027	CV1-1027	27 Oct 10	0953
BS1X-1027	BS1X-1027	27 Oct 10	1039
XB2-1027A	XB2-1027A	27 Oct 10	1213
ST106-AR-SVMW02-97	J293123	27 Oct 10	1353
ST106-AR-SVMW02-150	J293124	27 Oct 10	1520
ST106-AR-SVMW07-49	J293125	27 Oct 10	1651
ST106-AR-SVMW07-95	J293126	27 Oct 10	1734
ST106-AR-SVMW07-147	J293127	27 Oct 10	1819
ST106-AR-SVEW04-298	J293128	27 Oct 10	1905
ST106-AR-SVEW04-298DUP	J293129	27 Oct 10	1949
ST106-AR-SVEW05-445	J293130	27 Oct 10	2033
ST106-AR-SVEW05-445DUP	J293131	27 Oct 10	2118
ST106-AR-SVEW01-245	J293132	27 Oct 10	2208
ST106-AR-SVEW02-45	J293133	27 Oct 10	2254

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Compound: BFB Injection Date/Time: 18 Oct 10 1247

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	22.9	
75	30% to 60% of mass 95	51.6	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	6.5	
173	0% to less than 2% of mass 174	0.0 (0.0)	
174	greater than 50% of mass 95	74.0	
175	5% to 9% of mass 174	5.1 (6.9)	
176	>95%, but <101% of mass 174	72.1 (97.3)	
177	5% to 9% of mass 176	4.8 (6.7)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
LEVEL1	LEVEL1	18 Oct 10	1247
LEVEL2	LEVEL2	18 Oct 10	1334
LEVEL3	LEVEL3	18 Oct 10	1422
LEVEL4	LEVEL4	18 Oct 10	1509
LEVEL5	LEVEL5	18 Oct 10	1556
LEVEL6	LEVEL6	18 Oct 10	1644
LEVEL7	LEVEL7	18 Oct 10	1734
ICV21018	ICV21018	18 Oct 10	1909

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Compound: BFB Injection Date/Time: 26 Oct 10 0947

Mass	Ion Abundance Criteria	% Relative Abundance		Q
50	15% to 40% of mass 95	18.6		
75	30% to 60% of mass 95	49.0		
95	base peak, 100% relative abundance	100.0		
96	5% to 9% of mass 95	6.8		
173	0% to less than 2% of mass 174	0.0	(0.0)	
174	greater than 50% of mass 95	80.2		
175	5% to 9% of mass 174	6.0	(7.4)	
176	>95%, but <101% of mass 174	78.7	(98.2)	
177	5% to 9% of mass 176	5.4	(6.8)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1 1026	CV1 1026	26 Oct 10	0947
BS1X1026	BS1X1026	26 Oct 10	1035
XB2-1026	XB2-1026	26 Oct 10	1533
ST106-AR-SVEW08-245DUP	J293139	26 Oct 10	2328
ST106-AR-SVEW09-435	J293140	27 Oct 10	0016
ST106-AR-SVEW09-435DUP	J293141	27 Oct 10	0104

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Compound: BFB Injection Date/Time: 27 Oct 10 1034

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	18.9	
75	30% to 60% of mass 95	48.9	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	7.0	
173	0% to less than 2% of mass 174	0.0 (0.0)	
174	greater than 50% of mass 95	81.0	
175	5% to 9% of mass 174	5.9 (7.3)	
176	>95%, but <101% of mass 174	78.6 (97.0)	
177	5% to 9% of mass 176	5.2 (6.6)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV2-1027	CV2-1027	27 Oct 10	1034
BS1X1027	BS1X1027	27 Oct 10	1122
XB2-1027	XB2-1027	27 Oct 10	1258
ST106-AR-SVEW02-45DUP	J293134	27 Oct 10	2337
ST106-AR-SVEW03-145	J293135	28 Oct 10	0024
ST106-AR-SVEW06-45	J293136	28 Oct 10	0112
ST106-AR-SVEW07-145	J293137	28 Oct 10	0200

AFCEE
ORGANIC ANALYSES DATA SHEET 11
INSTRUMENT PERFORMANCE CHECK

Analytical Method: TO15

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Compound: BFB Injection Date/Time: 28 Oct 10 1339

Mass	Ion Abundance Criteria	% Relative Abundance	Q
50	15% to 40% of mass 95	18.4	
75	30% to 60% of mass 95	47.9	
95	base peak, 100% relative abundance	100.0	
96	5% to 9% of mass 95	7.1	
173	0% to less than 2% of mass 174	0.0 (0.0)	
174	greater than 50% of mass 95	81.8	
175	5% to 9% of mass 174	6.1 (7.4)	
176	>95%, but <101% of mass 174	79.9 (97.6)	
177	5% to 9% of mass 176	5.5 (6.9)	

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

Field Sample#/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed
CV1-1028	CV1-1028	28 Oct 10	1339
BS1X1028	BS1X1028	28 Oct 10	1426
XB2-1028	XB2-1028	28 Oct 10	1649
ST106-AR-SVEW08-245	J293138	28 Oct 10	1908

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX A
SURROGATE RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Matrix: Air

Field/QC Sample ID	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	Q
BS1X-1022	101	117											
XB2-1022	97	95											
ST106-AR-1068POSTE2	102	108											
ST106-AR-1065INLET	100	109											
BS1X-1025	103	113											
XB2-1025	102	96											
ST106-AR-1066POSTE1	103	110											
ST106-AR-1066POSTE2	101	106											
ST106-AR-1066INLET	106	111											
ST106-AR-1068POSTE1	104	111											
ST106-AR-1068INLET	105	108											
ST106-AR-1065POSTE2	103	105											
ST106-AR-106POSTE1	106	114											
ST106-AR-106POSTE2	105	116											
ST106-AR-106INLET	105	115											
ST106-AR-10628-150	106	116											
ST106-AR-SVMW14-150	104	109											
ST106-AR-SVMW02-50	105	105											
BS1X-1026	105	120											
XB2-1026A	102	98											
ST106-AR-10628-250	107	118											
ST106-AR-10628-350	105	114											
ST106-AR-10628-450	106	113											
ST106-AR-10628-450DUP	107	115											
ST106-AR-SVMW14-250	103	109											
ST106-AR-SVMW14-350	103	113											
ST106-AR-SVMW14-450	104	111											

S1: Toluene-d8 60-140
S2: 4-Bromofluorobenzene 60-140

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX A
SURROGATE RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Matrix: Air

Field/QC Sample ID	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	Q
ST106-AR-SVEW12-400	105	114											
BS1X-1027	104	124											
XB2-1027A	101	101											
ST106-AR-SVMW02-97	104	115											
ST106-AR-SVMW02-150	104	110											
ST106-AR-SVMW07-49	102	106											
ST106-AR-SVMW07-95	103	111											
ST106-AR-SVMW07-147	103	121											
ST106-AR-SVEW04-298	105	118											
ST106-AR-SVEW04-298DUP	105	119											
ST106-AR-SVEW05-445	105	119											
ST106-AR-SVEW05-445DUP	107	122											
ST106-AR-SVEW01-245	108	124											
ST106-AR-SVEW02-45	107	124											

S1: Toluene-d8 60-140
S2: 4-Bromofluorobenzene 60-140

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX A
SURROGATE RESULTS

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Matrix: Air

Field/QC Sample ID	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	Q
BS1X1026	101	110											
XB2-1026	103	100											
ST106-AR-SVEW08-245DUP	103	94											
ST106-AR-SVEW09-435	105	100											
ST106-AR-SVEW09-435DUP	103	99											
BS1X1027	101	112											
XB2-1027	101	84											
ST106-AR-SVEW02-45DUP	109	105											
ST106-AR-SVEW03-145	104	103											
ST106-AR-SVEW06-45	103	104											
ST106-AR-SVEW07-145	97	102											
BS1X1028	101	110											
XB2-1028	102	83											
ST106-AR-SVEW08-245	104	97											

S1: Toluene-d8 60-140
S2: 4-Bromofluorobenzene 60-140

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX C
INTERNAL STANDARD AREA AND RT SUMMARY

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Date Analyzed: 20 Oct 10 Time Analyzed: 1943

	IS1		IS2		IS3	
	AREA (#)	TIME (#)	AREA (#)	TIME (#)	AREA (#)	TIME (#)
MID POINT ICAL	197325	14.7	866894	16.37	956223	20.64
UPPER LIMIT	276255	15.03	1213652	16.7	1338712	20.97
LOWER LIMIT	118395	14.37	520136	16.04	573734	20.31
SAMPLE ID						
ICV21021	217259	14.7	941523	16.37	964390	20.64
CV1-1022	215163	14.7	934303	16.36	1099220	20.64
BS1X-1022	213633	14.7	928727	16.36	1088881	20.64
XB2-1022	187704	14.68	825582	16.35	905166	20.64
ST106-AR-1068POSTE2	173369	14.69	753339	16.36	865985	20.64
ST106-AR-1065INLET	189151	14.68	833744	16.36	929156	20.64
CV1-1025	191727	14.7	867181	16.37	939818	20.65
BS1X-1025	190438	14.69	853095	16.36	968345	20.64
XB2-1025	168522	14.68	766336	16.35	843523	20.64
ST106-AR-1066POSTE1	171358	14.7	802093	16.36	935835	20.64
ST106-AR-1066POSTE2	159860	14.68	772079	16.36	889996	20.64
ST106-AR-1066INLET	172931	14.67	768007	16.35	911117	20.64
ST106-AR-1068POSTE1	166969	14.68	782805	16.35	915958	20.64
ST106-AR-1068INLET	175477	14.69	778903	16.36	920643	20.64
ST106-AR-1065POSTE2	171530	14.68	780293	16.36	911983	20.64
ST106-AR-106POSTE1	152340	14.69	763767	16.36	916631	20.64
ST106-AR-106POSTE2	161607	14.69	748539	16.36	903968	20.64
ST106-AR-106INLET	172038	14.67	756001	16.35	906917	20.64
ST106-AR-10628-150	160664	14.68	715823	16.36	879154	20.64
ST106-AR-SVMW14-150	148369	14.67	698054	16.35	831757	20.64
ST106-AR-SVMW02-50	149885	14.69	705347	16.36	833435	20.64

IS1: Bromochloromethane IS4:

IS2: 1,4-Difluorobenzene IS5:

IS3: Chlorobenzene-d5 IS6:

Column used to flag values outside of QC limits with an asterisk

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX C
INTERNAL STANDARD AREA AND RT SUMMARY

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Date Analyzed: 20 Oct 10 Time Analyzed: 1943

	IS1		IS2		IS3	
	AREA (#)	TIME (#)	AREA (#)	TIME (#)	AREA (#)	TIME (#)
MID POINT ICAL	197325	14.7	866894	16.37	956223	20.64
UPPER LIMIT	276255	15.03	1213652	16.7	1338712	20.97
LOWER LIMIT	118395	14.37	520136	16.04	573734	20.31
SAMPLE ID						
CV1-1026	155689	14.71	690329	16.37	807372	20.64
BS1X-1026	157702	14.69	694409	16.37	833645	20.64
XB2-1026A	138996	14.68	629907	16.35	721307	20.64
ST106-AR-10628-250	125077	14.69	602851	16.36	740934	20.64
ST106-AR-10628-350	149951	14.70	698670	16.37	833109	20.64
ST106-AR-10628-450	160159	14.70	742109	16.37	886012	20.64
ST106-AR-10628-450DUP	162452	14.70	753838	16.37	892112	20.64
ST106-AR-SVMW14-250	147995	14.69	699859	16.36	828526	20.64
ST106-AR-SVMW14-350	156057	14.70	720688	16.37	849932	20.64
ST106-AR-SVMW14-450	161447	14.71	755876	16.37	898129	20.64
ST106-AR-SVEW12-400	165778	14.70	767925	16.37	916140	20.64
CV1-1027	160918	14.7	718745	16.37	841153	20.64
BS1X-1027	160788	14.70	717606	16.37	862255	20.64
XB2-1027A	148813	14.68	662140	16.35	774587	20.64
ST106-AR-SVMW02-97	151107	14.68	682624	16.36	797330	20.64
ST106-AR-SVMW02-150	146545	14.68	664842	16.36	780809	20.64
ST106-AR-SVMW07-49	149395	14.68	656318	16.36	764905	20.64
ST106-AR-SVMW07-95	144134	14.68	646831	16.36	769130	20.64
ST106-AR-SVMW07-147	122935	14.68	598462	16.35	737808	20.64
ST106-AR-SVEW04-298	142597	14.68	636600	16.36	778484	20.64
ST106-AR-SVEW04-298DUP	136710	14.68	612053	16.35	747291	20.64

IS1: Bromochloromethane IS4:

IS2: 1,4-Difluorobenzene IS5:

IS3: Chlorobenzene-d5 IS6:

Column used to flag values outside of QC limits with an asterisk

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX C
INTERNAL STANDARD AREA AND RT SUMMARY

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSAA Date Analyzed: 20 Oct 10 Time Analyzed: 1943

	IS1		IS2		IS3	
	AREA (#)	TIME (#)	AREA (#)	TIME (#)	AREA (#)	TIME (#)
MID POINT ICAL	197325	14.7	866894	16.37	956223	20.64
UPPER LIMIT	276255	15.03	1213652	16.7	1338712	20.97
LOWER LIMIT	118395	14.37	520136	16.04	573734	20.31
SAMPLE ID						
ST106-AR-SVEW05-445	131835	14.67	600352	16.35	735782	20.64
ST106-AR-SVEW05-445DUP	132479	14.68	618570	16.36	767640	20.64
ST106-AR-SVEW01-245	131987	14.69	598952	16.36	757430	20.64
ST106-AR-SVEW02-45	134179	14.68	613596	16.36	773374	20.64

IS1: Bromochloromethane IS4:

IS2: 1,4-Difluorobenzene IS5:

IS3: Chlorobenzene-d5 IS6:

Column used to flag values outside of QC limits with an asterisk

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET APPENDIX C
INTERNAL STANDARD AREA AND RT SUMMARY

Analytical Method: TO15 SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: MSR Date Analyzed: 18 Oct 10 Time Analyzed: 1556

	IS1		IS2		IS3	
	AREA (#)	TIME (#)	AREA (#)	TIME (#)	AREA (#)	TIME (#)
MID POINT ICAL	353809	14.98	1023143	16.78	850065	21.17
UPPER LIMIT	495333	15.31	1432400	17.11	1190091	21.5
LOWER LIMIT	212285	14.65	613886	16.45	510039	20.84
SAMPLE ID						
ICV21018	340816	14.99	983873	16.78	817135	21.17
CV1 1026	336040	14.99	1006111	16.79	879377	21.18
BS1X1026	318706	14.99	912576	16.78	807124	21.18
XB2-1026	298218	14.99	962866	16.78	789055	21.18
ST106-AR-SVEW08-245DUP	353237	14.98	1103203	16.78	981004	21.17
ST106-AR-SVEW09-435	335285	14.98	1008071	16.78	912447	21.17
ST106-AR-SVEW09-435DUP	346485	14.98	1072933	16.78	970906	21.17
CV2-1027	341038	15	968677	16.8	853775	21.19
BS1X1027	317851	15	946879	16.8	821893	21.19
XB2-1027	322909	15	930175	16.79	814172	21.19
ST106-AR-SVEW02-45DUP	307080	15.03	855872	16.82	853139	21.21
ST106-AR-SVEW03-145	328394	15.03	1035457	16.81	965511	21.2
ST106-AR-SVEW06-45	329320	15.03	917122	16.82	846768	21.2
ST106-AR-SVEW07-145	370158	15.03	1056669	16.82	921458	21.21
CV1-1028	284421	15.01	786709	16.8	720560	21.19
BS1X1028	348554	15	990453	16.8	892263	21.19
XB2-1028	316384	15	918822	16.79	802703	21.18
ST106-AR-SVEW08-245	278125	15.02	893338	16.81	814271	21.19

IS1: Bromochloromethane IS4:

IS2: 1,4-Difluorobenzene IS5:

IS3: Chlorobenzene-d5 IS6:

Column used to flag values outside of QC limits with an asterisk

Comments:

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MDL Study Report

Analytical Method: TO15
Matrix: Air

Instrument ID: MSAA
Concentration Units: ppbv

Analyte	Analysis Date	Amt. Spiked	Replicates 1	2	3	4	5	6	7	8	Std. Dev.	MDL
Dichlorodifluoromethane	09/13/10	0.20	0.29	0.29	0.28	0.27	0.27	0.28	0.27		0.01	0.03
Chloromethane	09/13/10	0.20	0.29	0.28	0.30	0.27	0.28	0.27	0.29		0.01	0.04
1,2-Dichloro-1,1,2,2-tetrafluoroethane	09/13/10	0.20	0.35	0.29	0.28	0.26	0.27	0.29	0.27		0.03	0.09
Vinyl chloride	09/13/10	0.20	0.28	0.29	0.27	0.25	0.27	0.27	0.26		0.01	0.04
Bromomethane	09/13/10	0.20	0.29	0.30	0.28	0.28	0.27	0.27	0.28		0.01	0.03
Chloroethane	09/13/10	0.20	0.31	0.29	0.29	0.26	0.27	0.30	0.27		0.02	0.06
Trichlorofluoromethane	09/13/10	0.20	0.48	0.35	0.35	0.36	0.35	0.36	0.33		0.05	0.16
Acetone	09/13/10	0.40	0.97	0.96	1.02	0.94	0.92	0.88	0.85		0.06	0.18
1,1-DCE	09/13/10	0.20	0.35	0.28	0.28	0.25	0.26	0.27	0.26		0.03	0.11
Methylene chloride	09/13/10	0.20	0.51	0.41	0.42	0.40	0.40	0.42	0.40		0.04	0.12
1,1,2-Trichloro-1,2,2-trifluoroethane	09/13/10	0.20	0.32	0.28	0.27	0.26	0.25	0.26	0.26		0.02	0.07
MTBE (Methyl tert-Butyl Ether)	08/04/10	0.50	0.51	0.48	0.51	0.48	0.50	0.48	0.43	0.49	0.03	0.08
1,1-DCA	09/13/10	0.20	0.33	0.27	0.27	0.25	0.25	0.27	0.25		0.03	0.09
MEK (2-Butanone)	09/13/10	0.20	0.21	0.19	0.18	0.17	0.18	0.16	0.17		0.02	0.05
cis-1,2-DCE	09/13/10	0.20	0.33	0.28	0.25	0.26	0.26	0.27	0.25		0.03	0.09
1,2-DCA	09/13/10	0.20	0.32	0.27	0.26	0.26	0.24	0.28	0.23		0.03	0.09
1,1,1-TCA	09/13/10	0.20	0.30	0.28	0.27	0.26	0.25	0.27	0.26		0.02	0.05
Carbon tetrachloride	09/13/10	0.20	0.25	0.26	0.24	0.23	0.23	0.24	0.23		0.01	0.04
Benzene	09/13/10	0.20	0.35	0.30	0.28	0.28	0.28	0.29	0.27		0.03	0.08
1,2-Dichloropropane	09/13/10	0.20	0.32	0.28	0.27	0.25	0.26	0.25	0.24		0.03	0.08
TCE	09/13/10	0.20	0.34	0.26	0.25	0.23	0.23	0.23	0.24		0.04	0.12
cis-1,3-Dichloropropene	09/13/10	0.20	0.27	0.25	0.24	0.24	0.23	0.23	0.23		0.01	0.05
trans-1,3-Dichloropropene	09/13/10	0.20	0.24	0.23	0.22	0.21	0.21	0.22	0.21		0.01	0.04
1,1,2-TCA	09/13/10	0.20	0.31	0.26	0.25	0.26	0.23	0.24	0.25		0.03	0.08
Toluene	09/13/10	0.20	0.33	0.28	0.27	0.26	0.25	0.26	0.26		0.03	0.08
1,2-EDB	09/13/10	0.20	0.27	0.24	0.23	0.21	0.21	0.22	0.22		0.02	0.07
Tetrachloroethylene	09/13/10	0.20	0.27	0.25	0.23	0.23	0.22	0.22	0.22		0.02	0.06
Chlorobenzene	09/13/10	0.20	0.24	0.22	0.21	0.20	0.20	0.20	0.20		0.02	0.05
Ethylbenzene	09/13/10	0.20	0.26	0.24	0.22	0.21	0.21	0.21	0.21		0.02	0.06
m,p-Xylene	09/13/10	0.40	0.53	0.46	0.44	0.41	0.42	0.42	0.43		0.04	0.13
Styrene	09/13/10	0.20	0.23	0.20	0.19	0.18	0.17	0.17	0.17		0.02	0.07
o-Xylene	09/13/10	0.20	0.26	0.23	0.22	0.20	0.20	0.21	0.21		0.02	0.07
1,1,2,2-Tetrachloroethane	09/13/10	0.20	0.26	0.26	0.22	0.23	0.23	0.24	0.24		0.02	0.05
1,3,5-Trimethylbenzene	09/13/10	0.20	0.24	0.21	0.19	0.17	0.18	0.19	0.18		0.02	0.07
1,2,4-Trimethylbenzene	09/13/10	0.20	0.22	0.19	0.18	0.17	0.17	0.17	0.17		0.02	0.06
1,3-DCB	09/13/10	0.20	0.23	0.19	0.18	0.17	0.16	0.17	0.17		0.02	0.07
1,4-DCB	09/13/10	0.20	0.25	0.21	0.19	0.16	0.17	0.18	0.18		0.03	0.10
1,2-DCB	09/13/10	0.20	0.26	0.20	0.20	0.18	0.18	0.18	0.19		0.03	0.09
1,2,4-Trichlorobenzene	09/13/10	0.20	0.31	0.24	0.24	0.22	0.23	0.26	0.28		0.03	0.10
Hexachlorobutadiene	09/13/10	0.20	0.34	0.32	0.30	0.29	0.29	0.29	0.27		0.02	0.07
Chloroform	09/13/10	0.20	0.32	0.29	0.26	0.26	0.26	0.28	0.26		0.02	0.07

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CH2M HILL
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MDL Study Report

Analytical Method: TO15
Matrix: Air

Instrument ID: MSR
Concentration Units: ppbv

Analyte	Analysis Date	Amt. Spiked	Replicates 1	2	3	4	5	6	7	8	Std. Dev.	MDL
Dichlorodifluoromethane	09/14/10	0.60	0.69	0.70	0.77	0.74	0.76	0.75	0.78		0.03	0.11
Chloromethane	09/14/10	0.60	0.65	0.62	0.68	0.64	0.69	0.64	0.70		0.03	0.09
1,2-Dichloro-1,1,2,2-tetrafluoroethane	09/14/10	0.60	0.64	0.65	0.68	0.62	0.69	0.62	0.67		0.03	0.09
Vinyl chloride	09/14/10	0.60	0.60	0.58	0.63	0.58	0.61	0.57	0.63		0.02	0.08
Bromomethane	09/14/10	0.60	0.67	0.66	0.69	0.62	0.70	0.61	0.68		0.03	0.11
Chloroethane	09/14/10	0.60	0.58	0.54	0.60	0.55	0.64	0.51	0.61		0.05	0.14
Trichlorofluoromethane	09/14/10	0.60	0.69	0.68	0.71	0.66	0.75	0.65	0.72		0.04	0.11
Acetone	09/14/10	0.60	0.44	0.49	0.41	0.41	0.49	0.42	0.42		0.04	0.11
1,1-DCE	09/14/10	0.60	0.67	0.63	0.62	0.58	0.66	0.53	0.60		0.05	0.15
Methylene chloride	09/14/10	0.60	0.77	0.79	0.79	0.74	0.80	0.71	0.76		0.03	0.10
1,1,2-Trichloro-1,2,2-trifluoroethane	09/14/10	0.60	0.62	0.60	0.63	0.59	0.65	0.57	0.63		0.03	0.09
MTBE (Methyl tert-Butyl Ether)	09/14/10	0.60	0.41	0.36	0.34	0.30	0.37	0.28	0.35		0.04	0.14
1,1-DCA	09/14/10	0.60	0.59	0.56	0.59	0.55	0.60	0.54	0.60		0.03	0.08
MEK (2-Butanone)	09/14/10	0.60	0.36	0.38	0.35	0.34	0.39	0.34	0.34		0.02	0.06
cis-1,2-DCE	09/14/10	0.60	0.57	0.54	0.54	0.48	0.52	0.48	0.52		0.03	0.10
1,2-DCA	09/14/10	0.60	0.60	0.63	0.65	0.60	0.66	0.61	0.63		0.02	0.07
1,1,1-TCA	09/14/10	0.60	0.62	0.61	0.64	0.58	0.64	0.60	0.65		0.03	0.08
Carbon tetrachloride	09/14/10	0.60	0.60	0.61	0.61	0.59	0.66	0.61	0.65		0.03	0.08
Benzene	09/14/10	0.60	0.49	0.50	0.49	0.45	0.50	0.45	0.47		0.02	0.07
1,2-Dichloropropane	09/14/10	0.60	0.54	0.52	0.54	0.53	0.56	0.49	0.53		0.02	0.07
TCE	09/14/10	0.60	0.54	0.52	0.52	0.48	0.51	0.47	0.50		0.02	0.08
cis-1,3-Dichloropropene	09/14/10	0.60	0.49	0.43	0.43	0.42	0.45	0.39	0.43		0.03	0.10
trans-1,3-Dichloropropene	09/14/10	0.60	0.43	0.37	0.38	0.39	0.41	0.33	0.40		0.03	0.10
1,1,2-TCA	09/14/10	0.60	0.51	0.47	0.48	0.47	0.51	0.44	0.54		0.03	0.11
Toluene	09/14/10	0.60	0.48	0.44	0.44	0.42	0.49	0.41	0.47		0.03	0.10
1,2-EDB	09/14/10	0.60	0.46	0.40	0.44	0.41	0.46	0.40	0.45		0.03	0.09
Tetrachloroethylene	09/14/10	0.60	0.49	0.49	0.50	0.46	0.49	0.45	0.50		0.02	0.06
Chlorobenzene	09/14/10	0.60	0.54	0.50	0.54	0.49	0.55	0.48	0.50		0.03	0.09
Ethylbenzene	09/14/10	0.60	0.47	0.43	0.41	0.38	0.43	0.37	0.40		0.03	0.11
m,p-Xylene	09/14/10	1.20	0.98	0.89	0.87	0.78	0.90	0.75	0.81		0.08	0.25
Styrene	09/14/10	0.60	0.36	0.33	0.33	0.29	0.33	0.26	0.29		0.03	0.11
o-Xylene	09/14/10	0.60	0.45	0.42	0.40	0.35	0.40	0.33	0.37		0.04	0.13
1,1,2,2-Tetrachloroethane	09/14/10	0.60	0.68	0.56	0.73	0.59	0.65	0.57	0.63		0.06	0.20
1,3,5-Trimethylbenzene	09/14/10	0.60	0.51	0.46	0.46	0.42	0.53	0.42	0.46		0.04	0.13
1,2,4-Trimethylbenzene	09/14/10	0.60	0.38	0.33	0.32	0.30	0.32	0.24	0.28		0.04	0.14
1,3-DCB	09/14/10	0.60	0.41	0.37	0.40	0.34	0.40	0.30	0.34		0.04	0.13
1,4-DCB	09/14/10	0.60	0.39	0.32	0.33	0.32	0.34	0.26	0.31		0.04	0.12
1,2-DCB	09/14/10	0.60	0.41	0.35	0.37	0.33	0.38	0.29	0.33		0.04	0.12
1,2,4-Trichlorobenzene	09/14/10	0.60	0.19	0.16	0.13	0.13	0.16	0.10	0.14		0.03	0.09
Hexachlorobutadiene	09/14/10	0.60	0.48	0.43	0.46	0.44	0.49	0.38	0.44		0.04	0.12
Chloroform	09/11/10	0.40	0.57	0.51	0.72	0.55	0.61	0.57	0.61		0.07	0.21

FIXED GASES

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Base/Command: KIRTLAND AFB (AIR)

Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-1066POSTE1	J293101
ST106-AR-1066POSTE2	J293102
ST106-AR-1066INLET	J293103
ST106-AR-1068POSTE1	J293104
ST106-AR-1068POSTE2	J293105
ST106-AR-1068INLET	J293106
ST106-AR-1065INLET	J293107
ST106-AR-1065POSTE2	J293108
ST106-AR-106POSTE1	J293109
ST106-AR-106POSTE2	J293110
ST106-AR-106INLET	J293111
ST106-AR-10628-150	J293112
ST106-AR-10628-250	J293113
ST106-AR-10628-350	J293114
ST106-AR-10628-450	J293115
ST106-AR-10628-450DUP	J293116
ST106-AR-SVMW14-150	J293117
ST106-AR-SVMW14-250	J293118
ST106-AR-SVMW14-350	J293119
ST106-AR-SVMW14-450	J293120
ST106-AR-SVEW12-400	J293121
ST106-AR-SVMW02-50	J293122
ST106-AR-SVMW02-97	J293123
ST106-AR-SVMW02-150	J293124
ST106-AR-SVMW07-49	J293125
ST106-AR-SVMW07-95	J293126
ST106-AR-SVMW07-147	J293127
ST106-AR-SVEW04-298	J293128
ST106-AR-SVEW04-298DUP	J293129
ST106-AR-SVEW05-445	J293130
ST106-AR-SVEW05-445DUP	J293131
ST106-AR-SVEW01-245	J293132
ST106-AR-SVEW02-45	J293133
ST106-AR-SVEW02-45DUP	J293134
ST106-AR-SVEW03-145	J293135
ST106-AR-SVEW06-45	J293136
ST106-AR-SVEW07-145	J293137
ST106-AR-SVEW08-245	J293138

Comments:

See attached narrative

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Base/Command: KIRTLAND AFB (AIR)

Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-SVEW08-245DUP	J293139
ST106-AR-SVEW09-435	J293140
ST106-AR-SVEW09-435DUP	J293141

Comments:

See attached narrative

CASE NARRATIVE
FIXED GASES ANALYSIS

Analytical Method: SM2720C

AAB#: J2931

Lab Name: CH2M HILL Applied Science Laboratories

Project # 382698.02.SV.10.07

Base/Command: Kirtland AFB ST-106

Prime Contractor:

I. RECEIPT

A. Date: October 11, 2010

B. Sample Information:

LAB SAMPLE ID	CLIENT SAMPLE ID	CANISTER ID	SAMPLE MATRIX	DATE SAMPLED	TIME SAMPLED	RECEIVED PRESS. (torr)
J293101	ST106-AR-1066POSTE1	SG1760	AIR	10/06/2010	15:10	576
J293102	ST106-AR-1066POSTE2	SG1784	AIR	10/06/2010	15:12	572
J293103	ST106-AR-1066INLET	SG1782	AIR	10/06/2010	15:15	583
J293104	ST106-AR-1068POSTE1	SG1688	AIR	10/06/2010	15:30	566
J293105	ST106-AR-1068POSTE2	SG1690	AIR	10/06/2010	15:35	578
J293106	ST106-AR-1068INLET	SG1692	AIR	10/06/2010	15:38	558
J293107	ST106-AR-1065INLET	SG1855	AIR	10/06/2010	15:50	579
J293108	ST106-AR-1065POSTE2	SG1678	AIR	10/06/2010	15:52	575
J293109	ST106-AR-106POSTE1	SG1686	AIR	10/06/2010	16:21	578
J293110	ST106-AR-106POSTE2	SG1693	AIR	10/06/2010	16:23	725
J293111	ST106-AR-106INLET	SG1860	AIR	10/06/2010	16:25	536
J293112	ST106-AR-10628-150	SG1464	AIR	10/07/2010	11:34	590
J293113	ST106-AR-10628-250	SG1864	AIR	10/07/2010	11:43	604
J293114	ST106-AR-10628-350	SG1856	AIR	10/07/2010	11:55	598
J293115	ST106-AR-10628-450	SG1689	AIR	10/07/2010	12:05	606
J293116	ST106-AR-10628-450DUP	SG1839	AIR	10/07/2010	12:09	594
J293117	ST106-AR-SVMW14-150	SG1804	AIR	10/07/2010	13:22	593
J293118	ST106-AR-SVMW14-250	SG1377	AIR	10/07/2010	13:25	593
J293119	ST106-AR-SVMW14-350	SG1320	AIR	10/07/2010	13:28	596
J293120	ST106-AR-SVMW14-450	SG1440	AIR	10/07/2010	13:32	591
J293121	ST106-AR-SVEW12-400	SG1843	AIR	10/07/2010	13:52	592
J293122	ST106-AR-SVMW02-50	SG1348	AIR	10/07/2010	14:30	597
J293123	ST106-AR-SVMW02-97	SG1674	AIR	10/07/2010	14:33	595
J293124	ST106-AR-SVMW02-150	SG1404	AIR	10/07/2010	14:35	596
J293125	ST106-AR-SVMW07-49	SG1846	AIR	10/07/2010	15:05	590
J293126	ST106-AR-SVMW07-95	SG1389	AIR	10/07/2010	15:08	577
J293127	ST106-AR-SVMW07-147	SG1790	AIR	10/07/2010	15:12	582
J293128	ST106-AR-SVEW04-298	SG1661	AIR	10/07/2010	16:26	592
J293129	ST106-AR-SVEW04-298DUP	SG1459	AIR	10/07/2010	16:27	583
J293130	ST106-AR-SVEW05-445	SG1677	AIR	10/07/2010	16:30	599
J293131	ST106-AR-SVEW05-445DUP	SG1778	AIR	10/07/2010	16:31	599
J293132	ST106-AR-SVEW01-245	SG1318	AIR	10/07/2010	16:43	594
J293133	ST106-AR-SVEW02-45	SG1271	AIR	10/08/2010	14:24	589
J293134	ST106-AR-SVEW02-45DUP	SG1762	AIR	10/08/2010	14:24	583
J293135	ST106-AR-SVEW03-145	SG1374	AIR	10/08/2010	14:38	633
J293136	ST106-AR-SVEW06-45	SG1662	AIR	10/08/2010	14:51	587
J293137	ST106-AR-SVEW07-145	SG1341	AIR	10/08/2010	15:03	558
J293138	ST106-AR-SVEW08-245	SG1675	AIR	10/08/2010	15:17	580
J293139	ST106-AR-SVEW08-245DUP	SG1766	AIR	10/08/2010	15:18	578

J293140	ST106-AR-SVEW09-435	SG1394	AIR	10/08/2010	15:27	582
J293141	ST106-AR-SVEW09-435DUP	SG1761	AIR	10/08/2010	15:28	591

II. Holding Times:
All acceptance criteria were met.

III. Analysis:

A. Calibration:
All acceptance criteria were met.

B. Blanks:
All acceptance criteria were met.

C. Duplicate Sample(s):
Analyzed in accordance with standard operating procedure.

D. Laboratory Control Sample (LCS):
All acceptance criteria were met.

E. Matrix Spike(MS)/Matrix Spike Duplicate(MSD):
Not applicable.

F. Manual Integration:
None performed.

IV. Sampling Equipment Exceptions:
None.

V. Documentation Exceptions:
None.

VI. I certify that this data package is in compliance with the terms and conditions agreed to by the client and CH2M HILL, both technically and for completeness, except for the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designee, as verified by the following signature.

Prepared By: Doug Malcolm Date: 10-26-10

Reviewed By: [illegible] Date: 10-26-10

SAMPLE DATA SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE1 Lab Sample ID: J293101 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**2.92**	1		
Nitrogen	0.08	1.0	**84.4**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**12.7**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE2 Lab Sample ID: J293102 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**4.65**	1		
Nitrogen	0.08	1.0	**84.2**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**11.2**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066INLET Lab Sample ID: J293103 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**12.5**	1		
Nitrogen	0.08	1.0	**84.0**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**3.45**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE1 Lab Sample ID: J293104 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**4.88**	1		
Nitrogen	0.08	1.0	**84.7**	1		
Carbon Monoxide	0.06	0.5	**0.45**	1		F
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**9.98**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE2 Lab Sample ID: J293105 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**5.13**	1		
Nitrogen	0.08	1.0	**84.5**	1		
Carbon Monoxide	0.06	0.5	**0.69**	1		
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**9.72**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068INLET Lab Sample ID: J293106 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**16.7**	1		
Nitrogen	0.08	1.0	**81.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**1.38**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065INLET Lab Sample ID: J293107 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**18.2**	1		
Nitrogen	0.08	1.0	**79.6**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**2.11**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065POSTE2 Lab Sample ID: J293108 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**2.83**	1		
Nitrogen	0.08	1.0	**83.8**	1		
Carbon Monoxide	0.06	0.5	**0.71**	1		
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**12.6**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE1 Lab Sample ID: J293109 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**12.7**	1		
Nitrogen	0.08	1.0	**80.7**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**6.61**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE2 Lab Sample ID: J293110 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**7.78**	1		
Nitrogen	0.08	1.0	**82.2**	1		
Carbon Monoxide	0.06	0.5	**0.43**	1		F
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**9.63**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106INLET Lab Sample ID: J293111 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**15.9**	1		
Nitrogen	0.08	1.0	**81.3**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**2.76**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-150 Lab Sample ID: J293112 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.2**	1		
Nitrogen	0.08	1.0	**78.8**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-250 Lab Sample ID: J293113 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.2**	1		
Nitrogen	0.08	1.0	**78.8**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-350 Lab Sample ID: J293114 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.0**	1		
Nitrogen	0.08	1.0	**78.6**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.41**	1		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450 Lab Sample ID: J293115 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**20.3**	1		
Nitrogen	0.08	1.0	**79.1**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.60**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450DUP Lab Sample ID: J293116 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**20.8**	1		
Nitrogen	0.08	1.0	**78.6**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.55**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-150 Lab Sample ID: J293117 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.0**	1		
Nitrogen	0.08	1.0	**79.0**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-250 Lab Sample ID: J293118 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**20.8**	1		
Nitrogen	0.08	1.0	**79.2**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-350 Lab Sample ID: J293119 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.5**	1		
Nitrogen	0.08	1.0	**78.5**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-450 Lab Sample ID: J293120 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**13.5**	1		
Nitrogen	0.08	1.0	**83.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**2.62**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW12-400 Lab Sample ID: J293121 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.9**	1		
Nitrogen	0.08	1.0	**78.1**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-50 Lab Sample ID: J293122 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**11.7**	1		
Nitrogen	0.08	1.0	**79.5**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**8.78**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-97 Lab Sample ID: J293123 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**8.17**	1		
Nitrogen	0.08	1.0	**80.7**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**11.2**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-150 Lab Sample ID: J293124 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**18.0**	1		
Nitrogen	0.08	1.0	**80.5**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**1.55**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-49 Lab Sample ID: J293125 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**17.9**	1		
Nitrogen	0.08	1.0	**81.2**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.98**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-95 Lab Sample ID: J293126 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**13.3**	1		
Nitrogen	0.08	1.0	**79.5**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**7.20**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-147 Lab Sample ID: J293127 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**15.5**	1		
Nitrogen	0.08	1.0	**78.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**5.62**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298 Lab Sample ID: J293128 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**19.5**	1		
Nitrogen	0.08	1.0	**79.7**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.82**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298DUP Lab Sample ID: J293129 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**19.8**	1		
Nitrogen	0.08	1.0	**79.3**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.85**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445 Lab Sample ID: J293130 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**17.1**	1		
Nitrogen	0.08	1.0	**79.4**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**3.47**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445DUP Lab Sample ID: J293131 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**17.2**	1		
Nitrogen	0.08	1.0	**79.4**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**3.43**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW01-245 Lab Sample ID: J293132 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**14.6**	1		
Nitrogen	0.08	1.0	**80.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**4.57**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45 Lab Sample ID: J293133 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**2.84**	1		
Nitrogen	0.08	1.0	**83.6**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**13.5**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45DUP Lab Sample ID: J293134 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**4.12**	1		
Nitrogen	0.08	1.0	**83.3**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**12.6**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW03-145 Lab Sample ID: J293135 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**20.3**	1		
Nitrogen	0.08	1.0	**78.2**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**1.52**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW06-45 Lab Sample ID: J293136 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**7.10**	1		
Nitrogen	0.08	1.0	**82.7**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**10.2**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW07-145 Lab Sample ID: J293137 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**14.6**	1		
Nitrogen	0.08	1.0	**81.8**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**3.63**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245 Lab Sample ID: J293138 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.6**	1		
Nitrogen	0.08	1.0	**77.8**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.61**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245DUP Lab Sample ID: J293139 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.7**	1		
Nitrogen	0.08	1.0	**78.3**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	0.07	1		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435 Lab Sample ID: J293140 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.5**	1		
Nitrogen	0.08	1.0	**77.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.59**	1		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435DUP Lab Sample ID: J293141 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: Percent

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Oxygen	0.14	0.6	**21.4**	1		
Nitrogen	0.08	1.0	**77.9**	1		
Carbon Monoxide	0.06	0.5	0.06	1		U
Methane	0.05	0.5	0.05	1		U
Carbon Dioxide	0.07	0.5	**0.67**	1		

Comments:

QC DATA SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCA

Date of Initial Calibration: 8 Oct 10

Initial Calibration ID: FIXGAS11

Concentration Units: Percent

GC Column ID: CARBOXENE

Initial Calibration Sample IDs:	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6
Initial Calibration File IDs:	004B0201.D	005B0301.D	006B0401.D	007B0501.D	008B0601.D	009B0701.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
Oxygen	.1	2.77E-4	.5	4.42E-4	1	6.45E-4	10	6.09E-4	25	6.23E-4	50	6.47E-4
Nitrogen	.1	1.13E-4	.5	2.51E-4	1	4.32E-4	10	4.89E-4	25	5.22E-4	50	5.70E-4
Carbon Monoxide	.1	6.47E-4	.5	6.88E-4	1	7.22E-4	10	6.12E-4	25	6.07E-4	50	6.14E-4
Methane	.08	7.99E-4	.4	8.37E-4	.8	9.29E-4	8	7.88E-4	20	7.77E-4	40	7.80E-4
Carbon Dioxide	.1	5.22E-4	.5	5.78E-4	1	6.77E-4	10	5.72E-4	25	5.50E-4	50	5.40E-4

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCA

Date of Initial Calibration: 8 Oct 10

Initial Calibration ID: FIXGAS11

Concentration Units: Percent

GC Column ID: CARBOXENE

Initial Calibration Sample IDs: LEVEL7

Initial Calibration File IDs: 010B0801.D

Analyte	Std 7	RF 7	Std 8	RF 8	Std 9	RF 9						
Oxygen	100	6.54E-4										
Nitrogen	100	5.90E-4										
Carbon Monoxide	100	6.08E-4										
Methane	80	7.69E-4										
Carbon Dioxide	100	5.18E-4										

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCA

Date of Initial Calibration: 8 Oct 10

Initial Calibration ID: FIXGAS11

Concentration Units: Percent

GC Column ID: CARBOXENE

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
Oxygen	LINR	5.57E-4			0.999		
Nitrogen	LINR	4.24E-4			0.999		
Carbon Monoxide	AVG	6.43E-4	7.14	7.90			
Methane	AVG	8.11E-4	6.95	7.90			
Carbon Dioxide	AVG	5.65E-4	9.60	7.90			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCA

Initial Calibration ID: FIXGAS11

2nd Source ID: ICV-1008

Concentration Units: Percent

GC Column ID: CARBOXENE

Analyte	Expected	Found	%D	Q
Oxygen	10.0	10.4	3.52	
Nitrogen	10.0	10.4	4.08	
Carbon Monoxide	10.0	10.2	2.14	
Methane	10.0	10.5	4.83	
Carbon Dioxide	10.0	10.5	5.38	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCA Initial Calibration ID: FIXGAS11

CCV #1 ID: CV1-1021 CCV #2 ID: CV2-1021 CCV #3 ID: CV3-1021

CCV #1 File ID: 002B0201.D CCV #2 File ID: 016B1601.D CCV #3 File ID: 027B2801.D

GC Column ID: CARBOXENE Concentration Units: Percent

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Oxygen	5.00	4.90	-2.05	5.00	4.58	-8.38	5.00	4.50	-9.99	
Nitrogen	5.00	4.87	-2.51	5.00	4.46	-10.8	5.00	4.35	-13.0	
Carbon Monoxide	5.00	5.42	8.45	5.00	4.92	-1.53	5.00	4.80	-4.03	
Methane	4.00	4.30	7.39	4.00	3.92	-1.93	4.00	3.80	-5.12	
Carbon Dioxide	5.00	5.46	9.23	5.00	5.05	1.09	5.00	4.91	-1.77	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCA Initial Calibration ID: FIXGAS11

CCV #4 ID: CV2-1022 CCV #5 ID: CV3-1022 CCV #6 ID: CV1-1025

CCV #4 File ID: 002B0201.D CCV #5 File ID: 018B1801.D CCV #6 File ID: 001B0201.D

GC Column ID: CARBOXENE Concentration Units: Percent

Analyte	CCV #4			CCV #5			CCV #6			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Oxygen	5.00	4.47	-10.5	5.00	4.37	-12.5	5.00	4.65	-7.02	
Nitrogen	5.00	4.26	-14.9	5.00	4.22	-15.6	5.00	4.88	-2.41	
Carbon Monoxide	5.00	4.82	-3.50	5.00	4.70	-5.95	5.00	4.80	-3.91	
Methane	4.00	3.86	-3.60	4.00	3.74	-6.49	4.00	3.82	-4.54	
Carbon Dioxide	5.00	4.99	-0.25	5.00	4.87	-2.63	5.00	4.94	-1.16	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCA Initial Calibration ID: FIXGAS11

CCV #7 ID: CV2-1025 CCV #8 ID: CV3-1025 CCV #9 ID:

CCV #7 File ID: 015B1601.D CCV #8 File ID: 017B1801.D CCV #9 File ID:

GC Column ID: CARBOXENE Concentration Units: Percent

Analyte	CCV #7			CCV #8			CCV #9			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
Oxygen	5.00	4.71	-5.81	5.00	4.63	-7.46				
Nitrogen	5.00	4.80	-4.07	5.00	4.88	-2.39				
Carbon Monoxide	5.00	4.94	-1.19	5.00	4.78	-4.42				
Methane	4.00	3.92	-1.99	4.00	3.78	-5.43				
Carbon Dioxide	5.00	5.07	1.45	5.00	4.80	-3.92				

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1021

Concentration Units: Percent

Date Analyzed: 21 Oct 10

Analyte	MDL	Method Blank	RL	Q
Oxygen	0.14	0.14	0.6	
Nitrogen	0.08	0.08	1.0	
Carbon Monoxide	0.06	0.06	0.5	
Methane	0.05	0.05	0.5	
Carbon Dioxide	0.07	0.07	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1025

Concentration Units: Percent

Date Analyzed: 25 Oct 10

Analyte	MDL	Method Blank	RL	Q
Oxygen	0.14	0.14	0.6	
Nitrogen	0.08	0.08	1.0	
Carbon Monoxide	0.06	0.06	0.5	
Methane	0.05	0.05	0.5	
Carbon Dioxide	0.07	0.07	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB2-1022

Concentration Units: Percent

Date Analyzed: 22 Oct 10

Analyte	MDL	Method Blank	RL	Q
Oxygen	0.14	0.14	0.6	
Nitrogen	0.08	0.08	1.0	
Carbon Monoxide	0.06	0.06	0.5	
Methane	0.05	0.05	0.5	
Carbon Dioxide	0.07	0.07	0.5	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1021

Concentration Units: Percent

Date Analyzed: 21 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Carbon Dioxide	5	5.34	107	80-120	
Oxygen	5	4.83	97	80-120	
Nitrogen	5	5.47	109	80-120	
Carbon Monoxide	5	5.26	105	80-120	
Methane	4	4.19	105	80-120	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1022

Concentration Units: Percent

Date Analyzed: 22 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Carbon Dioxide	5	4.88	98	80-120	
Oxygen	5	4.42	88	80-120	
Nitrogen	5	4.20	84	80-120	
Carbon Monoxide	5	4.76	95	80-120	
Methane	4	3.78	95	80-120	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SM2720C

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1025

Concentration Units: Percent

Date Analyzed: 25 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
Carbon Dioxide	5	4.85	97	80-120	
Oxygen	5	4.60	92	80-120	
Nitrogen	5	4.78	96	80-120	
Carbon Monoxide	5	4.79	96	80-120	
Methane	4	3.80	95	80-120	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-1066POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1066POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1066INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1065INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1065POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-10628-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-450DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVEW12-400	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-50	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-97	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW07-49	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW07-95	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW07-147	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVEW04-298	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVEW04-298DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVEW05-445	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-SVEW05-445DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW01-245	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW02-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW02-45DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW03-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW06-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW07-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW08-245	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW08-245DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW09-435	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW09-435DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
LEVEL1	LEVEL1	8 Oct 10	1540	8 Oct 10	1557
LEVEL2	LEVEL2	8 Oct 10	1556	8 Oct 10	1613
LEVEL3	LEVEL3	8 Oct 10	1615	8 Oct 10	1632
LEVEL4	LEVEL4	8 Oct 10	1632	8 Oct 10	1649
LEVEL5	LEVEL5	8 Oct 10	1713	8 Oct 10	1730
LEVEL6	LEVEL6	8 Oct 10	1729	8 Oct 10	1746
LEVEL7	LEVEL7	8 Oct 10	1753	8 Oct 10	1810
ICV-1008	ICV-1008	8 Oct 10	1815	8 Oct 10	1832

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1021	CV1-1021	21 Oct 10	0921	21 Oct 10	0938
BS1X1021	BS1X1021	21 Oct 10	0937	21 Oct 10	0954
XB1-1021	XB1-1021	21 Oct 10	1005	21 Oct 10	1022
ST106-AR-1066POSTE1	J293101	21 Oct 10	1021	21 Oct 10	1038
ST106-AR-1066POSTE2	J293102	21 Oct 10	1055	21 Oct 10	1112
ST106-AR-1066INLET	J293103	21 Oct 10	1110	21 Oct 10	1127
ST106-AR-1068POSTE1	J293104	21 Oct 10	1126	21 Oct 10	1143
ST106-AR-1068POSTE2	J293105	21 Oct 10	1143	21 Oct 10	1200
ST106-AR-1068INLET	J293106	21 Oct 10	1201	21 Oct 10	1218
ST106-AR-1065INLET	J293107	21 Oct 10	1222	21 Oct 10	1239
ST106-AR-1065POSTE2	J293108	21 Oct 10	1241	21 Oct 10	1258
ST106-AR-106POSTE1	J293109	21 Oct 10	1256	21 Oct 10	1313
ST106-AR-106POSTE2	J293110	21 Oct 10	1313	21 Oct 10	1330
CV2-1021	CV2-1021	21 Oct 10	1328	21 Oct 10	1345
ST106-AR-106INLET	J293111	21 Oct 10	1344	21 Oct 10	1401
ST106-AR-10628-150	J293112	21 Oct 10	1428	21 Oct 10	1445
ST106-AR-10628-250	J293113	21 Oct 10	1450	21 Oct 10	1507
ST106-AR-10628-350	J293114	21 Oct 10	1544	21 Oct 10	1601
ST106-AR-10628-450	J293115	21 Oct 10	1600	21 Oct 10	1617
ST106-AR-10628-450DUP	J293116	21 Oct 10	1622	21 Oct 10	1639
ST106-AR-SVMW14-150	J293117	21 Oct 10	1647	21 Oct 10	1704
ST106-AR-SVMW14-250	J293118	21 Oct 10	1711	21 Oct 10	1728
ST106-AR-SVMW14-450	J293120	21 Oct 10	1810	21 Oct 10	1827
ST106-AR-SVMW14-350	J293119	21 Oct 10	1834	21 Oct 10	1851
CV3-1021	CV3-1021	21 Oct 10	1854	21 Oct 10	1911

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV2-1022	CV2-1022	22 Oct 10	1147	22 Oct 10	1204
BS1X1022	BS1X1022	22 Oct 10	1202	22 Oct 10	1219
XB2-1022	XB2-1022	22 Oct 10	1342	22 Oct 10	1359
ST106-AR-SVEW12-400	J293121	22 Oct 10	1358	22 Oct 10	1415
ST106-AR-SVMW02-50	J293122	22 Oct 10	1437	22 Oct 10	1454
ST106-AR-SVMW02-97	J293123	22 Oct 10	1453	22 Oct 10	1510
ST106-AR-SVMW02-150	J293124	22 Oct 10	1510	22 Oct 10	1527
ST106-AR-SVMW07-49	J293125	22 Oct 10	1544	22 Oct 10	1601
ST106-AR-SVMW07-95	J293126	22 Oct 10	1603	22 Oct 10	1620
ST106-AR-SVMW07-147	J293127	22 Oct 10	1619	22 Oct 10	1636
ST106-AR-SVEW04-298	J293128	22 Oct 10	1637	22 Oct 10	1654
ST106-AR-SVEW04-298DUP	J293129	22 Oct 10	1653	22 Oct 10	1710
ST106-AR-SVEW05-445	J293130	22 Oct 10	1714	22 Oct 10	1731
CV3-1022	CV3-1022	22 Oct 10	1745	22 Oct 10	1802

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SM2720C SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCA

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1025	CV1-1025	25 Oct 10	0942	25 Oct 10	0959
BS1X1025	BS1X1025	25 Oct 10	1001	25 Oct 10	1018
XB1-1025	XB1-1025	25 Oct 10	1025	25 Oct 10	1042
ST106-AR-SVEW05-445DUP	J293131	25 Oct 10	1044	25 Oct 10	1101
ST106-AR-SVEW01-245	J293132	25 Oct 10	1116	25 Oct 10	1133
ST106-AR-SVEW02-45	J293133	25 Oct 10	1132	25 Oct 10	1149
ST106-AR-SVEW02-45DUP	J293134	25 Oct 10	1147	25 Oct 10	1204
ST106-AR-SVEW03-145	J293135	25 Oct 10	1203	25 Oct 10	1220
ST106-AR-SVEW06-45	J293136	25 Oct 10	1256	25 Oct 10	1313
ST106-AR-SVEW07-145	J293137	25 Oct 10	1315	25 Oct 10	1332
ST106-AR-SVEW08-245	J293138	25 Oct 10	1330	25 Oct 10	1347
ST106-AR-SVEW08-245DUP	J293139	25 Oct 10	1346	25 Oct 10	1403
ST106-AR-SVEW09-435	J293140	25 Oct 10	1402	25 Oct 10	1419
CV2-1025	CV2-1025	25 Oct 10	1508	25 Oct 10	1525
ST106-AR-SVEW09-435DUP	J293141	25 Oct 10	1526	25 Oct 10	1543
CV3-1025	CV3-1025	25 Oct 10	1545	25 Oct 10	1602

Comments:

CH2M HILL
Applied Sciences Laboratory (ASL)

CH2M HILL
Applied Sciences Labortory (ASL)
1000 NE Circle Blvd., Building 10
Suite 10350
Corvallis, OR 97330
Telephone: 541-768-3120
Fax: 541-752-0276

MDL Study Report

Analytical Method: SM2720C

Instrument ID: GCA

Matrix: Air

Concentration Units: Percent

Analyte	Analysis Date	Amt. Spiked	Replicates 1	2	3	4	5	6	7	8	Std. Dev.	MDL
Oxygen	10/11/10	0.50	0.36	0.35	0.23	0.34	0.34	0.34	0.33		0.04	0.14
Nitrogen	10/11/10	0.50	0.32	0.31	0.25	0.30	0.29	0.27	0.27		0.02	0.08
Carbon Monoxide	10/10/10	0.50	0.47	0.46	0.45	0.46	0.46	0.47	0.51		0.02	0.06
Methane	10/10/10	0.40	0.37	0.36	0.37	0.36	0.36	0.37	0.41		0.02	0.05
Carbon Dioxide	10/10/10	0.50	0.50	0.49	0.49	0.50	0.50	0.50	0.55		0.02	0.07

TPH-GAS IN AIR BY SW 8015M

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Base/Command: KIRTLAND AFB (AIR)

Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-1066POSTE1	J293101
ST106-AR-1066POSTE2	J293102
ST106-AR-1066INLET	J293103
ST106-AR-1068POSTE1	J293104
ST106-AR-1068POSTE2	J293105
ST106-AR-1068INLET	J293106
ST106-AR-1065INLET	J293107
ST106-AR-1065POSTE2	J293108
ST106-AR-106POSTE1	J293109
ST106-AR-106POSTE2	J293110
ST106-AR-106INLET	J293111
ST106-AR-10628-150	J293112
ST106-AR-10628-250	J293113
ST106-AR-10628-350	J293114
ST106-AR-10628-450	J293115
ST106-AR-10628-450DUP	J293116
ST106-AR-SVMW14-150	J293117
ST106-AR-SVMW14-250	J293118
ST106-AR-SVMW14-350	J293119
ST106-AR-SVMW14-450	J293120
ST106-AR-SVEW12-400	J293121
ST106-AR-SVMW02-50	J293122
ST106-AR-SVMW02-97	J293123
ST106-AR-SVMW02-150	J293124
ST106-AR-SVMW07-49	J293125
ST106-AR-SVMW07-95	J293126
ST106-AR-SVMW07-147	J293127
ST106-AR-SVEW04-298	J293128
ST106-AR-SVEW04-298DUP	J293129
ST106-AR-SVEW05-445	J293130
ST106-AR-SVEW05-445DUP	J293131
ST106-AR-SVEW01-245	J293132
ST106-AR-SVEW02-45	J293133
ST106-AR-SVEW02-45DUP	J293134
ST106-AR-SVEW03-145	J293135
ST106-AR-SVEW06-45	J293136
ST106-AR-SVEW07-145	J293137
ST106-AR-SVEW08-245	J293138

Comments:

See attached narrative

AFCEE
ORGANIC ANALYSES DATA PACKAGE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Base/Command: KIRTLAND AFB (AIR)

Prime Contractor: CH2M HILL

Project: KAFB ST-106

Field Sample ID	Lab Sample ID
ST106-AR-SVEW08-245DUP	J293139
ST106-AR-SVEW09-435	J293140
ST106-AR-SVEW09-435DUP	J293141

Comments:

See attached narrative

CASE NARRATIVE
TPH-G ANALYSIS

Analytical Method: SW8015M

AAB#: J2931

Lab Name: CH2M HILL Applied Science Laboratories

Project # 382698.02.SV.10.07

Base/Command: Kirtland AFB ST-106

Prime Contractor: _____

I. RECEIPT

A. Date: October 11, 2010

B. Sample Information:

LAB SAMPLE ID	CLIENT SAMPLE ID	CANISTER ID	SAMPLE MATRIX	DATE SAMPLED	TIME SAMPLED	RECEIVED PRESS. (torr)
J293101	ST106-AR-1066POSTE1	SG1760	AIR	10/06/2010	15:10	576
J293102	ST106-AR-1066POSTE2	SG1784	AIR	10/06/2010	15:12	572
J293103	ST106-AR-1066INLET	SG1782	AIR	10/06/2010	15:15	583
J293104	ST106-AR-1068POSTE1	SG1688	AIR	10/06/2010	15:30	566
J293105	ST106-AR-1068POSTE2	SG1690	AIR	10/06/2010	15:35	578
J293106	ST106-AR-1068INLET	SG1692	AIR	10/06/2010	15:38	558
J293107	ST106-AR-1065INLET	SG1855	AIR	10/06/2010	15:50	579
J293108	ST106-AR-1065POSTE2	SG1678	AIR	10/06/2010	15:52	575
J293109	ST106-AR-106POSTE1	SG1686	AIR	10/06/2010	16:21	578
J293110	ST106-AR-106POSTE2	SG1693	AIR	10/06/2010	16:23	725
J293111	ST106-AR-106INLET	SG1860	AIR	10/06/2010	16:25	536
J293112	ST106-AR-10628-150	SG1464	AIR	10/07/2010	11:34	590
J293113	ST106-AR-10628-250	SG1864	AIR	10/07/2010	11:43	604
J293114	ST106-AR-10628-350	SG1856	AIR	10/07/2010	11:55	598
J293115	ST106-AR-10628-450	SG1689	AIR	10/07/2010	12:05	606
J293116	ST106-AR-10628-450DUP	SG1839	AIR	10/07/2010	12:09	594
J293117	ST106-AR-SVMW14-150	SG1804	AIR	10/07/2010	13:22	593
J293118	ST106-AR-SVMW14-250	SG1377	AIR	10/07/2010	13:25	593
J293119	ST106-AR-SVMW14-350	SG1320	AIR	10/07/2010	13:28	596
J293120	ST106-AR-SVMW14-450	SG1440	AIR	10/07/2010	13:32	591
J293121	ST106-AR-SVEW12-400	SG1843	AIR	10/07/2010	13:52	592
J293122	ST106-AR-SVMW02-50	SG1348	AIR	10/07/2010	14:30	597
J293123	ST106-AR-SVMW02-97	SG1674	AIR	10/07/2010	14:33	595
J293124	ST106-AR-SVMW02-150	SG1404	AIR	10/07/2010	14:35	596
J293125	ST106-AR-SVMW07-49	SG1846	AIR	10/07/2010	15:05	590
J293126	ST106-AR-SVMW07-95	SG1389	AIR	10/07/2010	15:08	577
J293127	ST106-AR-SVMW07-147	SG1790	AIR	10/07/2010	15:12	582
J293128	ST106-AR-SVEW04-298	SG1661	AIR	10/07/2010	16:26	592
J293129	ST106-AR-SVEW04-298DUP	SG1459	AIR	10/07/2010	16:27	583
J293130	ST106-AR-SVEW05-445	SG1677	AIR	10/07/2010	16:30	599
J293131	ST106-AR-SVEW05-445DUP	SG1778	AIR	10/07/2010	16:31	599
J293132	ST106-AR-SVEW01-245	SG1318	AIR	10/07/2010	16:43	594
J293133	ST106-AR-SVEW02-45	SG1271	AIR	10/08/2010	14:24	589
J293134	ST106-AR-SVEW02-45DUP	SG1762	AIR	10/08/2010	14:24	583
J293135	ST106-AR-SVEW03-145	SG1374	AIR	10/08/2010	14:38	633
J293136	ST106-AR-SVEW06-45	SG1662	AIR	10/08/2010	14:51	587
J293137	ST106-AR-SVEW07-145	SG1341	AIR	10/08/2010	15:03	558
J293138	ST106-AR-SVEW08-245	SG1675	AIR	10/08/2010	15:17	580
J293139	ST106-AR-SVEW08-245DUP	SG1766	AIR	10/08/2010	15:18	578

J293140	ST106-AR-SVEW09-435	SG1394	AIR	10/08/2010	15:27	582
J293141	ST106-AR-SVEW09-435DUP	SG1761	AIR	10/08/2010	15:28	591

II. Holding Times:
All acceptance criteria were met.

III. Analysis:

A. Calibration:
All acceptance criteria were met.

B. Blanks:
All acceptance criteria were met.

C. Duplicate Sample(s):
Analyzed in accordance with standard operating procedure.

D. Laboratory Control Sample (LCS):
All acceptance criteria were met.

E. Matrix Spike(MS)/Matrix Spike Duplicate(MSD):
Not applicable.

F. Manual Integration:
None performed.

IV. Sampling Equipment Exceptions:
None.

V. Documentation Exceptions:
None.

VI. I certify that this data package is in compliance with the terms and conditions agreed to by the client and CH2M HILL, both technically and for completeness, except for the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designee, as verified by the following signature.

Prepared By: Doug Malcolm Date: 10-26-10

Reviewed By: Date: 11-1-10

SAMPLE DATA SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE1 Lab Sample ID: J293101 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.83	79.8	**505**	3.19		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066POSTE2 Lab Sample ID: J293102 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.66	60.5	**240**	2.42		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1066INLET Lab Sample ID: J293103 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	322	5325.0	**75300**	213		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE1 Lab Sample ID: J293104 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.19	52.8	**856**	2.11		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068POSTE2 Lab Sample ID: J293105 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	6.09	100.5	**7570**	4.02		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1068INLET Lab Sample ID: J293106 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	332	5475.0	**33700**	219		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065INLET Lab Sample ID: J293107 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	36.6	605.0	**33100**	24.2		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-1065POSTE2 Lab Sample ID: J293108 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.60	59.5	**1990**	2.38		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE1 Lab Sample ID: J293109 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.27	54.0	**54.9**	2.16		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106POSTE2 Lab Sample ID: J293110 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	23.6	390.0	**1740**	15.6		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-106INLET Lab Sample ID: J293111 Matrix: AIR

% Solids: 0 Sample Description: 06102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	41.2	680.0	**77900**	27.2		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-150 Lab Sample ID: J293112 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.27	54.0	**181**	2.16		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-250 Lab Sample ID: J293113 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.79	62.5	**144**	2.5		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-350 Lab Sample ID: J293114 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.21	53.0	**1990**	2.12		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450 Lab Sample ID: J293115 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.26	53.8	**6520**	2.15		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-10628-450DUP Lab Sample ID: J293116 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.39	56.0	**4460**	2.24		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-150 Lab Sample ID: J293117 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 21 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.27	70.5	**38.3**	2.82		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-250 Lab Sample ID: J293118 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.72	61.5	**86.4**	2.46		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-350 Lab Sample ID: J293119 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.72	78.0	**360**	3.12		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW14-450 Lab Sample ID: J293120 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	8.63	142.5	**9640**	5.7		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW12-400 Lab Sample ID: J293121 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.75	62.0	**822**	2.48		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-50 Lab Sample ID: J293122 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.98	65.8	**1090**	2.63		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-97 Lab Sample ID: J293123 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	39.7	655.0	**42600**	26.2		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW02-150 Lab Sample ID: J293124 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	20.9	345.0	**21800**	13.8		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-49 Lab Sample ID: J293125 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 22 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.03	66.5	1360	2.66		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-95 Lab Sample ID: J293126 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	7.06	116.5	**11400**	4.66		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVMW07-147 Lab Sample ID: J293127 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.88	64.0	**17.5**	2.56		F

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298 Lab Sample ID: J293128 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	77.5	1280.0	**11500**	51.2		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW04-298DUP Lab Sample ID: J293129 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	89.3	1475.0	**13500**	59		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445 Lab Sample ID: J293130 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	81.8	1350.0	**16400**	54		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW05-445DUP Lab Sample ID: J293131 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	75.1	1240.0	**17000**	49.6		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW01-245 Lab Sample ID: J293132 Matrix: AIR

% Solids: 0 Sample Description: 07102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	78.4	1295.0	**114000**	51.8		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45 Lab Sample ID: J293133 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	85.1	1405.0	**51400**	56.2		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW02-45DUP Lab Sample ID: J293134 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	76.3	1260.0	**61700**	50.4		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW03-145 Lab Sample ID: J293135 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.57	59.0	**1310**	2.36		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW06-45 Lab Sample ID: J293136 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 25 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.91	64.5	**1040**	2.58		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW07-145 Lab Sample ID: J293137 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	478	7900.0	**192000**	316		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245 Lab Sample ID: J293138 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.03	66.5	**618**	2.66		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW08-245DUP Lab Sample ID: J293139 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	7.39	122.0	**1020**	4.88		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435 Lab Sample ID: J293140 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	4.36	72.0	**698**	2.88		

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID: ST106-AR-SVEW09-435DUP Lab Sample ID: J293141 Matrix: AIR

% Solids: 0 Sample Description: 08102010

Date Received: 11 Oct 10 Date Prepared: Date Analyzed: 26 Oct 10

Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
TPH-Gasoline	3.80	62.8	**731**	2.51		

Comments:

QC DATA SUMMARY

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 1)
INITIAL MULTIPOINT CALIBRATION

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCD

Date of Initial Calibration: 14 Oct 10

Initial Calibration ID: TPHA_36

Concentration Units: ug/L

GC Column ID: DB-VRX

Initial Calibration Sample IDs:	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6
Initial Calibration File IDs:	002F0201.D	009F0901.D	004F0401.D	005F0501.D	006F0601.D	007F0701.D

Analyte	Std 1	RF 1	Std 2	RF 2	Std 3	RF 3	Std 4	RF 4	Std 5	RF 5	Std 6	RF 6
TPH-Gasoline	9.61	5.71E-5	32.6	5.50E-5	163	7.22E-5	652	5.95E-5	1630	5.77E-5	3259	5.82E-5

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 3 (Part 2)
INITIAL MULTIPOINT CALIBRATION

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCD

Date of Initial Calibration: 14 Oct 10

Initial Calibration ID: TPHA_36

Concentration Units: ug/L

GC Column ID: DB-VRX

Analyte	Curve Type	Ave. RF	% RSD	mean %RSD	r	COD	Q
TPH-Gasoline	AVG	5.99E-5	10.4	10.4			

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 4
SECOND SOURCE CALIBRATION VERIFICATION

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCD

Initial Calibration ID: TPHA_36

2nd Source ID: ICV-1014

Concentration Units: ug/L

GC Column ID: DB-VRX

Analyte	Expected	Found	%D	Q
TPH-Gasoline	1640	1800	10.0	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCD Initial Calibration ID: TPHA_36

CCV #1 ID: CV1-1021 CCV #2 ID: CV2-1021 CCV #3 ID: CV3-1021

CCV #1 File ID: 001F0101.D CCV #2 File ID: 015F1501.D CCV #3 File ID: 023F2401.D

GC Column ID: DB-VRX Concentration Units: ug/L

Analyte	CCV #1			CCV #2			CCV #3			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
TPH-Gasoline	1630	1860	14.3	1630	1850	13.2	1630	1830	12.1	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCD Initial Calibration ID: TPHA_36

CCV #4 ID: CV1-1022 CCV #5 ID: CV3-1022 CCV #6 ID: CV1-1025

CCV #4 File ID: 001F0101.D CCV #5 File ID: 013F1601.D CCV #6 File ID: 001F0101.D

GC Column ID: DB-VRX Concentration Units: ug/L

Analyte	CCV #4			CCV #5			CCV #6			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
TPH-Gasoline	1630	1790	9.53	1630	1750	7.61	1630	1790	9.70	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID: GCD Initial Calibration ID: TPHA_36

CCV #7 ID: CV2-1025 CCV #8 ID: CV3-1025 CCV #9 ID: CV1-1026

CCV #7 File ID: 015F1501.D CCV #8 File ID: 019F1901.D CCV #9 File ID: 001F0101.D

GC Column ID: DB-VRX Concentration Units: ug/L

Analyte	CCV #7			CCV #8			CCV #9			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
TPH-Gasoline	1630	1520	-6.77	1630	1820	11.6	1630	1860	13.8	

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 5
CALIBRATION VERIFICATION

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Instrument ID: GCD

Initial Calibration ID: TPHA_36

CCV #10 ID: CV2-1026

CCV #11 ID:

CCV #12 ID:

CCV #10 File ID: 013F1301.D

CCV #11 File ID:

CCV #12 File ID:

GC Column ID: DB-VRX

Concentration Units: ug/L

Analyte	CCV #10			CCV #11			CCV #12			Q
	Expected	Found	%D / Drift	Expected	Found	%D / Drift	Expected	Found	%D / Drift	
TPH-Gasoline	1630	1730	6.39							

* SPCCs # CCCs

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1021

Concentration Units: ug/L

Date Analyzed: 21 Oct 10

Analyte	MDL	Method Blank	RL	Q
TPH-Gasoline	1.51	**3.70**	25.0	**F**

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1022

Concentration Units: ug/L

Date Analyzed: 22 Oct 10

Analyte	MDL	Method Blank	RL	Q
TPH-Gasoline	1.51	**4.93**	25.0	**F**

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1025

Concentration Units: ug/L

Date Analyzed: 25 Oct 10

Analyte	MDL	Method Blank	RL	Q
TPH-Gasoline	1.51	**3.76**	25.0	**F**

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 6
BLANKS

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

Method Blank ID: XB1-1026

Concentration Units: ug/L

Date Analyzed: 26 Oct 10

Analyte	MDL	Method Blank	RL	Q
TPH-Gasoline	1.51	**2.90**	25.0	**F**

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1021

Concentration Units: ug/L

Date Analyzed: 21 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
TPH-Gasoline	1630	1880	115	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1022

Concentration Units: ug/L

Date Analyzed: 22 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
TPH-Gasoline	1630	1810	111	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1025

Concentration Units: ug/L

Date Analyzed: 25 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
TPH-Gasoline	1630	1720	105	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 7
LABORATORY CONTROL SAMPLE

Analytical Method: SW8015M

SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO

Contract #: N/A

LCS ID: BS1X1026

Concentration Units: ug/L

Date Analyzed: 26 Oct 10

Analyte	Expected	Found	%R	Control Limits	Q
TPH-Gasoline	1630	1860	114	70-130	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-1066POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1066POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1066INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1068INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1065INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-1065POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106POSTE1	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106POSTE2	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-106INLET	6 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	15	
ST106-AR-10628-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-10628-450DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	21 Oct 10	30	14	
ST106-AR-SVMW14-250	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW14-350	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW14-450	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVEW12-400	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-50	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-97	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW02-150	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW07-49	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	22 Oct 10	30	15	
ST106-AR-SVMW07-95	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVMW07-147	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW04-298	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW04-298DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW05-445	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 9
HOLDING TIMES

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Field Sample ID	Date Collected	Date Received	1st Date Prepared	Max. Holding Time 1	1st Time Held	2nd Date Prepared	Max. Holding Time 2	2nd Time Held	Date Analyzed	Max. Holding Time A	Time Held Anal.	Q
ST106-AR-SVEW05-445DUP	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW01-245	7 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	18	
ST106-AR-SVEW02-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW02-45DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW03-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW06-45	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	25 Oct 10	30	17	
ST106-AR-SVEW07-145	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	
ST106-AR-SVEW08-245	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	
ST106-AR-SVEW08-245DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	
ST106-AR-SVEW09-435	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	
ST106-AR-SVEW09-435DUP	8 Oct 10	11 Oct 10	N/A	N/A	N/A	N/A	N/A	N/A	26 Oct 10	30	18	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCD

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
LEVEL 1	LEVEL 1	14 Oct 10	1156	14 Oct 10	1205
LEVEL 3	LEVEL 3	14 Oct 10	1352	14 Oct 10	1401
LEVEL 4	LEVEL 4	14 Oct 10	1411	14 Oct 10	1420
LEVEL 5	LEVEL 5	14 Oct 10	1431	14 Oct 10	1440
LEVEL 6	LEVEL 6	14 Oct 10	1453	14 Oct 10	1502
LEVEL 2	LEVEL 2	14 Oct 10	1626	14 Oct 10	1635
ICV-1014	ICV-1014	14 Oct 10	1802	14 Oct 10	1811

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCD

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1021	CV1-1021	21 Oct 10	0914	21 Oct 10	0923
BS1X1021	BS1X1021	21 Oct 10	0942	21 Oct 10	0951
XB1-1021	XB1-1021	21 Oct 10	1009	21 Oct 10	1018
ST106-AR-1066POSTE1	J293101	21 Oct 10	1055	21 Oct 10	1104
ST106-AR-1066POSTE2	J293102	21 Oct 10	1135	21 Oct 10	1144
ST106-AR-1066INLET	J293103	21 Oct 10	1155	21 Oct 10	1204
ST106-AR-1068POSTE1	J293104	21 Oct 10	1215	21 Oct 10	1224
ST106-AR-1068POSTE2	J293105	21 Oct 10	1302	21 Oct 10	1311
ST106-AR-1068INLET	J293106	21 Oct 10	1324	21 Oct 10	1333
ST106-AR-1065INLET	J293107	21 Oct 10	1355	21 Oct 10	1404
ST106-AR-1065POSTE2	J293108	21 Oct 10	1437	21 Oct 10	1446
ST106-AR-106POSTE1	J293109	21 Oct 10	1459	21 Oct 10	1508
CV2-1021	CV2-1021	21 Oct 10	1519	21 Oct 10	1528
ST106-AR-106POSTE2	J293110	21 Oct 10	1550	21 Oct 10	1559
ST106-AR-106INLET	J293111	21 Oct 10	1611	21 Oct 10	1620
ST106-AR-10628-150	J293112	21 Oct 10	1633	21 Oct 10	1642
ST106-AR-10628-250	J293113	21 Oct 10	1658	21 Oct 10	1707
ST106-AR-10628-350	J293114	21 Oct 10	1720	21 Oct 10	1729
ST106-AR-10628-450	J293115	21 Oct 10	1741	21 Oct 10	1750
ST106-AR-10628-450DUP	J293116	21 Oct 10	1839	21 Oct 10	1848
ST106-AR-SVMW14-150	J293117	21 Oct 10	1902	21 Oct 10	1911
CV3-1021	CV3-1021	21 Oct 10	1932	21 Oct 10	1941

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCD

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1022	CV1-1022	22 Oct 10	1140	22 Oct 10	1149
BS1X1022	BS1X1022	22 Oct 10	1204	22 Oct 10	1213
XB1-1022	XB1-1022	22 Oct 10	1226	22 Oct 10	1235
ST106-AR-SVMW14-250	J293118	22 Oct 10	1248	22 Oct 10	1257
ST106-AR-SVMW14-350	J293119	22 Oct 10	1359	22 Oct 10	1408
ST106-AR-SVMW14-450	J293120	22 Oct 10	1425	22 Oct 10	1434
ST106-AR-SVEW12-400	J293121	22 Oct 10	1455	22 Oct 10	1504
ST106-AR-SVMW02-50	J293122	22 Oct 10	1520	22 Oct 10	1529
ST106-AR-SVMW02-97	J293123	22 Oct 10	1625	22 Oct 10	1634
ST106-AR-SVMW02-150	J293124	22 Oct 10	1716	22 Oct 10	1725
ST106-AR-SVMW07-49	J293125	22 Oct 10	1736	22 Oct 10	1745
CV3-1022	CV3-1022	22 Oct 10	1823	22 Oct 10	1832

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCD

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1025	CV1-1025	25 Oct 10	0933	25 Oct 10	0942
BS1X1025	BS1X1025	25 Oct 10	0953	25 Oct 10	1002
XB1-1025	XB1-1025	25 Oct 10	1016	25 Oct 10	1025
ST106-AR-SVMW07-95	J293126	25 Oct 10	1201	25 Oct 10	1210
ST106-AR-SVMW07-147	J293127	25 Oct 10	1306	25 Oct 10	1315
ST106-AR-SVEW04-298	J293128	25 Oct 10	1325	25 Oct 10	1334
ST106-AR-SVEW04-298DUP	J293129	25 Oct 10	1345	25 Oct 10	1354
ST106-AR-SVEW05-445	J293130	25 Oct 10	1405	25 Oct 10	1414
ST106-AR-SVEW05-445DUP	J293131	25 Oct 10	1508	25 Oct 10	1517
ST106-AR-SVEW01-245	J293132	25 Oct 10	1529	25 Oct 10	1538
ST106-AR-SVEW02-45	J293133	25 Oct 10	1550	25 Oct 10	1559
CV2-1025	CV2-1025	25 Oct 10	1614	25 Oct 10	1623
ST106-AR-SVEW02-45DUP	J293134	25 Oct 10	1702	25 Oct 10	1711
ST106-AR-SVEW03-145	J293135	25 Oct 10	1722	25 Oct 10	1731
ST106-AR-SVEW06-45	J293136	25 Oct 10	1742	25 Oct 10	1751
CV3-1025	CV3-1025	25 Oct 10	1802	25 Oct 10	1811

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 10
INSTRUMENT ANALYSIS SEQUENCE LOG

Analytical Method: SW8015M SDG #: J2931

Lab Name: CH2M HILL/LAB/CVO Contract #: N/A

Instrument ID #: GCD

Field Sample ID/Std ID/ Blank ID/QC Sample ID	Lab Sample ID	Date Analysis Started	Time Analysis Started	Date Analysis Completed	Time Analysis Completed
CV1-1026	CV1-1026	26 Oct 10	0959	26 Oct 10	1008
BS1X1026	BS1X1026	26 Oct 10	1029	26 Oct 10	1038
XB1-1026	XB1-1026	26 Oct 10	1052	26 Oct 10	1101
ST106-AR-SVEW07-145	J293137	26 Oct 10	1143	26 Oct 10	1152
ST106-AR-SVEW08-245	J293138	26 Oct 10	1203	26 Oct 10	1212
ST106-AR-SVEW08-245DUP	J293139	26 Oct 10	1300	26 Oct 10	1309
ST106-AR-SVEW09-435	J293140	26 Oct 10	1325	26 Oct 10	1334
ST106-AR-SVEW09-435DUP	J293141	26 Oct 10	1350	26 Oct 10	1359
CV2-1026	CV2-1026	26 Oct 10	1527	26 Oct 10	1536

Comments:

CH2MHILL
Applied Sciences Laboratory (ASL)

CH2M HILL
Applied Sciences Labortory (ASL)
1000 NE Circle Blvd., Building 10
Suite 10350
Corvallis, OR 97330
Telephone: 541-768-3120
Fax: 541-752-0276

MDL Study Report

Analytical Method: SW8015M

Instrument ID: GCD

Matrix: Air

Concentration Units: ug/L

Analyte	Analysis Date	Amt. Spiked	Replicates 1	2	3	4	5	6	7	8	Std. Dev.	MDL
TPH-Gasoline	09/14/10	3.91	8.20	7.63	7.22	7.72	7.15	6.55	7.65	7.09	0.51	1.51

CHAIN OF CUSTODY/SHIPPING DOCUMENTS

SDG: J2931
KAFB ST-106
10/11/2010

J2931
20.9°

Project/Contact Information	
Project #	382698.02.SV.10.07
Project Name	KAFB ST-106, TO-96
Report Copy to	Paul Clement
Company Name/Contact	CH2M HILL- ABQ\ Sharon Minchak

THIS AREA FOR LAB USE ONLY	
Lab #	Pg 1 of 3
Lab PM	Custody Review
Log In	LIMS Verificatior
pH	Cust Seals Y N Ice
QC Level 1 2 3	

Sampling Date	Sampling Time	Type Comp	Type Grab	Matrix Water	Matrix Soil	Matrix Air	Client Sample ID	LAB QC	Total Number of Containers	VOC TO-15 (including acetone, MTBE, and MEK)	TPH-G by 8015	Fixed Gas by 2720		Alternate Description	Lab ID
									Preservative	none				Cooler Temperature	
10/6/10	15:10		X			X	ST106-AR- 1066POSTE1 -06102010		1	X	X	X		Can #: SG 1760	-1
10/6/10	15:12		X			X	ST106-AR- 1066POSTE2 -06102010		1	X	X	X		Can #: SG 1784	-2
10/6/10	15:15		X			X	ST106-AR- 1066INLET -06102010		1	X	X	X		Can #: SG 1782	-3
10/6/10	15:30		X			X	ST106-AR- 1068POSTE1 -06102010		1	X	X	X		Can #: SG 1688	-4
10/6/10	15:35		X			X	ST106-AR- 1068POSTE2 -06102010		1	X	X	X		Can #: SG 1690	-5
10/6/10	15:38		X			X	ST106-AR- 1068INLET -06102010		1	X	X	X		Can #: SG 1692	-6
10/6/10	15:50		X			X	ST106-AR- 1065INLET -06102010		1	X	X	X		Can #: SG 1855	-7
10/6/10	15:52		X			X	ST106-AR- 1065POSTE2 -06102010		1	X	X	X		Can #: SG 1678	-8
10/6/10	16:21		X			X	ST106-AR- 106POSTE1 -06102010		1	X	X	X		Can #: SG 1686	-9
10/6/10	16:23		X			X	ST106-AR- 106POSTE2 -06102010		1	X	X	X		Can #: SG 1693	-10
10/6/10	16:25		X			X	ST106-AR- 106INLET -06102010		1	X	X	X		Can #: SG 1860	-11
10/7/10	11:34		X			X	ST106-AR- 10628-150 -07102010		1	X	X	X		Can #: SG 1464	-12
10/7/10	11:43		X			X	ST106-AR- 10628-250 -07102010		1	X	X	X		Can #: SG 1864	-13
10/7/10	11:55		X			X	ST106-AR- 10628-350 -07102010		1	X	X	X		Can #: SG 1856	-14
10/7/10	12:05		X			X	ST106-AR- 10628-450 -07102010		1	X	X	X		Can #: SG 1689	-15
10/7/10	12:09		X			X	ST106-AR- 10628-450DUP -07102010		1	X	X	X		Can #: SG 1839	-16

Meredith Brislen	Relinquished By 10/8/20	SHIPPED:	Fed Ex
Received By 10/11/10 10:30A	Relinquished By	AIRBILL:	
Received By	Date/Time		

Special Instructions Hard copy to Shane Lowe in STL office of CH2M HILL; pdf, EDD, and questions to Paul Clement.
Do not analyze SG1359, SG1758, can vacuum low and not used for sampling.

Rcvd SG1758, SG1359

SDG: J2931
KAFB ST-106
10/11/2010

Project/Contact Information	
Project #	382698.02.SV.10.07
Project Name	KAFB ST-106, TO-96
Report Copy to	Paul Clement
Company Name/Contact	CH2M HILL- ABQ\ Sharon Minchak

THIS AREA FOR LAB USE ONLY	
Lab #	Pg 2 of 3
Lab PM	Custody Review
Log In	LIMS Verificatior
pH	Cust Seals Y N Ice
QC Level 1 2 3	

Sampling Date	Sampling Time	Type Comp	Type Grab	Matrix Water	Matrix Soil	Matrix Air	Client Sample ID	LAB QC	Total Number of Containers	VOC TO-15 (including acetone, MTBE, and MEK)	TPH-G by 8015	Fixed Gas by 2720		Alternate Description	Lab ID
									Preservative	none				Cooler Temperature	
10/7/10	13:22		X			X	ST106-AR- SVMW14-150 -07102010		1	X	X	X		Can #: SG 1804	-17
10/7/10	13:25		X			X	ST106-AR- SVMW14-250 -07102010		1	X	X	X		Can #: SG 1377	-18
10/7/10	13:28		X			X	ST106-AR- SVMW14-350 -07102010		1	X	X	X		Can #: SG 1320	-19
10/7/10	13:32		X			X	ST106-AR- SVMW14-450 -07102010		1	X	X	X		Can #: SG 1440	-20
10/7/10	13:52		X			X	ST106-AR- SVEW12-400 -07102010		1	X	X	X		Can #: SG 1843	-21
10/7/10	14:30		X			X	ST106-AR- SVMW02-50 -07102010		1	X	X	X		Can #: SG 1348	-22
10/7/10	14:33		X			X	ST106-AR- SVMW02-97 -07102010		1	X	X	X		Can #: SG 1674	-23
10/7/10	14:35		X			X	ST106-AR- SVMW02-150 -07102010		1	X	X	X		Can #: SG 1404	-24
10/7/10	15:05		X			X	ST106-AR- SVMW07-49 -07102010		1	X	X	X		Can #: SG 1846	-25
10/7/10	15:08		X			X	ST106-AR- SVMW07-95 -07102010		1	X	X	X		Can #: SG 1389	-26
10/7/10	15:12		X			X	ST106-AR- SVMW07-147 -07102010		1	X	X	X		Can #: SG 1790	-27
10/7/10	16:26		X			X	ST106-AR- SVEW04-298 -07102010		1	X	X	X		Can #: SG 1661	-28
10/7/10	16:27		X			X	ST106-AR-SVEW04-298DUP -07102010		1	X	X	X		Can #: SG 1459	-29
10/7/10	16:30		X			X	ST106-AR- SVEW05-445 -07102010		1	X	X	X		Can #: SG 1677	-30
10/7/10	16:31		X			X	ST106-AR-SVEW05-445DUP -07102010		1	X	X	X		Can #: SG 1778	-31

Sampled By	Meredith Brislen	Relinquished By 10/8/19720	SHIPPED: Fed Ex
Received By 10/11/10 10:30A		Relinquished By	AIRBILL:
Received By		Date/Time	

Special Instructions Hard copy to Shane Lowe in STL office of CH2M HILL; pdf, EDD, and questions to Paul Clement.
Do not analyze SG1359, SG1758, can vacuum low and not used for sampling.

SDG: J2931
KAFB ST-106
10/11/2010

Project/Contact Information	
Project #	382698.02.SV.10.07
Project Name	KAFB ST-106, TO-96
Report Copy to	Paul Clement
Company Name/Contact	CH2M HILL- ABQ\ Sharon Minchak

THIS AREA FOR LAB USE ONLY	
Lab #	Pg 3 of 3
Lab PM	Custody Review
Log In	LIMS Verification
pH	Cust Seals Y N Ice
QC Level 1 2 3	
Cooler Temperature	

Sampling Date	Sampling Time	Type Comp	Type Grab	Matrix Water	Matrix Soil	Matrix Air	Client Sample ID	LAB QC	Total Number of Containers	VOC TO-15 (including acetone, MTBE, and MEK)	TPH-G by 8015	Fixed Gas by 2720		Alternate Description	Lab ID
									Preservative	none					
10/7/10	16:43		X			X	ST106-AR- SVEW01-245 -07102010		1	X	X	X		Can #: SG 1318	-32
10/8/10	14:24		X			X	ST106-AR- SVEW02-45 -08102010		1	X	X	X		Can #: SG 1271	-33
10/8/10	14:24		X			X	ST106-AR-SVEW02-45DUP -08102010		1	X	X	X		Can #: SG 1762	-34
10/8/10	14:38		X			X	ST106-AR- SVEW03-145 -08102010		1	X	X	X		Can #: SG 1374	-35
10/8/10	14:51		X			X	ST106-AR- SVEW06-45 -08102010		1	X	X	X		Can #: SG 1662	-36
10/8/10	15:03		X			X	ST106-AR- SVEW07-145 -08102010		1	X	X	X		Can #: SG 1341	-37
10/8/10	15:17		X			X	ST106-AR- SVEW08-245 -08102010		1	X	X	X		Can #: SG 1675	-38
10/8/10	15:18		X			X	ST106-AR-SVEW08-245DUP -08102010		1	X	X	X		Can #: SG 1766	-39
10/8/10	15:27		X			X	ST106-AR- SVEW09-435 -08102010		1	X	X	X		Can #: SG 1394	-40
10/8/10	15:28		X			X	ST106-AR-SVEW09-435DUP -08102010		1	X	X	X		Can #: SG 1761	-41

Sampled By	Meredith Brislen	Relinquished By 10/8/10 1720	SHIPPED: Fed Ex
Received By 10/11/10 10:30A		Relinquished By	AIRBILL:
Received By		Date/Time	

Special Instructions Hard copy to Shane Lowe in STL office of CH2M HILL; pdf, EDD, and questions to Paul Clement.
Do not analyze SG1359, SG1758, can vacuum low and not used for sampling.

CH2MHILL
Applied Sciences Laboratory (ASL)

Sample Receipt Record

Batch Number: SDG: J2931
KAFB ST-106
10/11/2010

Client/Project: _

Date received: 10-11-10

Checked by: RM

Checked by: _____

VERIFICATION OF SAMPLE CONDITIONS (verify all items) * HD = Client Hand delivered Samples

Observation	NA	YES	NO
Radiological Screening for DoD		✓	
Were custody seals intact and on the outside of the cooler?		✓	
Type of packing material: Ice Blue Ice Bubble wrap BOX - AIR CANS		✓	
Was a Chain of Custody provided?		✓	
Was the Chain of Custody properly filled out? If not document in SRER		✓	
Were the sample containers in good condition (broken or leaking)?		✓	
Containers supplied by ASL?		✓	
Any sample with < 1/2 holding time remaining? If so contact LPM			✓
Samples have multi-phase? If yes, document on SRER			✓
Was there ice in the cooler? Enter temp. If >6°C contact client/SRER °C	✓		
All VOCs free of air bubbles? No, document on SRER	✓		
pH of all samples checked and met requirements? No, then document in SRER	✓		
Enough sample volume provided for analysis? No, document in SRER		✓	
Did sample labels agree with COC? No, document in SRER		✓	
Dissolved/Soluble metals filtered in the field?	✓		
Dissolved/Soluble metals have sediment in bottom of container? Document in SRER	✓		

Sample ID	Reagent	Reagent Lot Number	Volume Added	Initials