TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 600-109297-1
Client Project/Site: CB&I Federal Services LLC . WC

For:
CB&I Federal Services LLC
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Attn: Leroy Cassidey

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Authorized for release by:
4/15/2015 10:02:49 AM

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9858103

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

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Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-109297-1

Comments
No additional comments.

Receipt
The samples were received on 4/2/2015 5:52 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.9º C, 1.6º C, 1.8º C and 2.3º C.

Except:

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA
Method(s) 8260B: The matrix spike duplicate (MSD) recoveries for 137977 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: Group 7 (600-109297-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The method blank for batch 600-159629 contained methylene chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed. The appropriate flags have been applied.

Method(s) 8260B: The following samples were diluted due to the nature of the sample matrix: B 25206-25274 (600-109297-4), FT 1001 (600-109297-6), Group 6 (600-109297-7) and Group 7 (600-109297-8). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method(s) 8270C: The following sample was diluted due to the nature of the sample matrix: B 25206-25274 (600-109297-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample required a dilution due to the nature of the sample matrix: B 25206-25274 (600-109297-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analytes within the calibration range: B 25206-25274 (600-109297-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample required a dilution due to the nature of the sample matrix: B 25206-25274 (600-109297-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: Surrogate recovery for the following sample was outside control limits: Group 6 (600-109297-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The matrix spike (MS) for batch 159749 exceeded control limits for the following analyte: Pyridine. Note that this analyte is a known poor performer when analyzed using this method.

Method(s) 8270C: The following samples required a dilution due to the nature of the sample matrix: B 25206-25274 (600-109297-4) and (600-109297-B-4-H MS). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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Laboratory: TestAmerica Houston (Continued)

Method(s) 8270C: The following samples was diluted due to the nature of the sample matrix: B 25206-25274 (600-109297-4) and (600-109297-B-4-H MS). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the high concentration of 2-Methylphenol, 3 & 4 Methylphenol and matrix interference, the matrix spike (MS) for 159777 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270C: The laboratory control sample (LCS) for batch 159777 recovered outside control limits for the following analyte: 4-Nitroaniline. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 159916 recovered above the upper control limit for 4-Nitroaniline. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method(s) 8270C: The following samples was diluted due to the nature of the sample matrix: FT 1001 (600-109297-13), Group 6 (600-109297-14) and Group 7 (600-109297-15). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analytes within the calibration range: B 25206-25274 (600-109297-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following samples required a dilution due to the nature of the sample matrix: B 25206-25274 (600-109297-4) and FT 1001 (600-109297-13). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: Surrogate recovery for the following sample was outside control limits: Group 7 (600-109297-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The following sample required a dilution due to the nature of the sample matrix: 4048--PT3 (600-109297-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: The following sample was diluted due to the nature of the sample matrix: 4048--PT3 (600-109297-3). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method(s) TX 1005: The following sample was diluted due to the nature of the sample matrix: B 25206-25274 (600-109297-4). Elevated reporting limits (RLs) are provided.

Method(s) TX 1005: The following sample required a dilution due to the nature of the sample matrix: B 25206-25274 (600-109297-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) TX 1005: The following sample was diluted due to the nature of the sample matrix: Group 7 (600-109297-8). Elevated reporting limits (RLs) are provided.

Method(s) TX 1005: The following sample was diluted due to the nature of the sample matrix: FT 1001 (600-109297-6). Elevated reporting limits (RLs) are provided.

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

Metals

Method(s) 6010B: The following samples was diluted to bring the concentration of target analytes within the calibration range: Group 6

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Laboratory: TestAmerica Houston (Continued)

(600-109297-14) and Group 7 (600-109297-15). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The method blank for batch 159721 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The leachate blank for batch 159616 contained Arsenic, Barium, Chromium, and Selenium above the method detection limit. These target analytes concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The method blank for batch 159774 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The leachate blank for batch 159689 contained Barium and Chromium above the method detection limit. These target analytes concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The leachate blank for batch 159616 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The following samples was diluted due to the abundance of non-target analytes: Group 6 (600-109297-7) and (600-109297-L-7-E MS). Elevated reporting limits (RLs) are provided.

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

General Chemistry
The following samples could not be analyzed for TSS due to the matrix being Waste:

B 25206-25274 (600-109297-4), FT 1001 (600-109297-6), Group 6 (600-109297-7) and Group 7 (600-109297-8)

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

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

Organic Prep
Method(s) 3510C, 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 159749.

Method(s) 3510C: Due to the matrix, the following samples could not be concentrated to the final method required volume: B 25206-25274 (600-109297-4) and FT 1001 (600-109297-13). The reporting limits (RLs) are elevated proportionately.

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: FT 1001 (600-109297-13), Group 6 (600-109297-14) and Group 7 (600-109297-15). The reporting limits (RLs) have been adjusted proportionately.

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

Method Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL HOU
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL HOU
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	TAL HOU
6010B	Metals (ICP)	SW846	TAL HOU
6010B	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL HOU
7471A	Mercury (CVAA)	SW846	TAL HOU
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL HOU
9012	Cyanide, Reactive	SW846	TAL HOU
9023	Organic Halides, Extractable (EOX)	SW846	TAL CAN
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL HOU
9040B	pH	SW846	TAL HOU
D1796	Water and Sediment in Fuel Oils	ASTM	TAL CC

Protocol References:

ASTM = ASTM International

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

TCEQ = Texas Commission of Environmental Quality

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-109297-1	4046-PT1	Waste	04/02/15 13:33	04/02/15 17:52
600-109297-2	4047-PT2	Waste	04/02/15 10:03	04/02/15 17:52
600-109297-3	4048--PT3	Waste	04/02/15 10:37	04/02/15 17:52
600-109297-4	B 25206-25274	Waste	04/02/15 12:59	04/02/15 17:52
600-109297-6	FT 1001	Waste	04/02/15 15:33	04/02/15 17:52
600-109297-7	Group 6	Waste	04/02/15 15:49	04/02/15 17:52
600-109297-8	Group 7	Waste	04/02/15 16:14	04/02/15 17:52
600-109297-13	FT 1001	Water	04/02/15 15:33	04/02/15 17:52
600-109297-14	Group 6	Water	04/02/15 15:49	04/02/15 17:52
600-109297-15	Group 7	Water	04/02/15 16:14	04/02/15 17:52

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: 4046-PT1

Lab Sample ID: 600-109297-1

Date Collected: 04/02/15 13:33
Matrix: Waste
Date Received: 04/02/15 17:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0396	U	0.200	0.0396	mg/L			04/09/15 14:06	1
2-Butanone (MEK)	**2.32**		0.200	0.0434	mg/L			04/09/15 14:06	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 14:06	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 14:06	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			04/09/15 14:06	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 14:06	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 14:06	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 14:06	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 14:06	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*04/09/15 14:06*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*04/09/15 14:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*04/09/15 14:06*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*		*04/09/15 14:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 10:50	04/09/15 15:56	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 10:50	04/09/15 15:56	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 10:50	04/09/15 15:56	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 10:50	04/09/15 15:56	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		04/08/15 10:50	04/09/15 15:56	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		04/08/15 10:50	04/09/15 15:56	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 10:50	04/09/15 15:56	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 10:50	04/09/15 15:56	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 10:50	04/09/15 15:56	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 10:50	04/09/15 15:56	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 10:50	04/09/15 15:56	1
Pyridine	0.0108	U F1	0.0500	0.0108	mg/L		04/08/15 10:50	04/09/15 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*71*		*35 - 130*	*04/08/15 10:50*	*04/09/15 15:56*	*1*
2-Fluorophenol	*65*		*10 - 130*	*04/08/15 10:50*	*04/09/15 15:56*	*1*
2-Fluorobiphenyl	*63*		*41 - 130*	*04/08/15 10:50*	*04/09/15 15:56*	*1*
2,4,6-Tribromophenol	*59*		*12 - 138*	*04/08/15 10:50*	*04/09/15 15:56*	*1*
Terphenyl-d14	*74*		*43 - 130*	*04/08/15 10:50*	*04/09/15 15:56*	*1*
Phenol-d5 (Surr)	*52*		*10 - 130*	*04/08/15 10:50*	*04/09/15 15:56*	*1*

Client Sample ID: 4047-PT2

Lab Sample ID: 600-109297-2

Date Collected: 04/02/15 10:03
Matrix: Waste
Date Received: 04/02/15 17:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0396	U	0.200	0.0396	mg/L			04/09/15 11:44	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			04/09/15 11:44	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 11:44	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 11:44	1

Client Sample ID: 4047-PT2

Lab Sample ID: 600-109297-2

Date Collected: 04/02/15 10:03

Matrix: Waste

Date Received: 04/02/15 17:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0403	U	0.200	0.0403	mg/L			04/09/15 11:44	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 11:44	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 11:44	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 11:44	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 11:44	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*75 - 120*		*04/09/15 11:44*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*04/09/15 11:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*62 - 123*		*04/09/15 11:44*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*04/09/15 11:44*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 08:40	04/08/15 16:36	1
Barium	**0.510**	**B**	0.200	0.0220	mg/L		04/08/15 08:40	04/08/15 16:36	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 08:40	04/08/15 16:36	1
Chromium	**0.0220**	**J B**	0.100	0.0155	mg/L		04/08/15 08:40	04/08/15 16:36	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 08:40	04/08/15 16:36	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 08:40	04/08/15 16:36	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 08:40	04/08/15 16:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/08/15 07:30	04/08/15 11:43	1

Client Sample ID: 4048--PT3

Lab Sample ID: 600-109297-3

Date Collected: 04/02/15 10:37

Matrix: Waste

Date Received: 04/02/15 17:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0396	U	0.200	0.0396	mg/L			04/09/15 12:14	1
2-Butanone (MEK)	**3.13**		0.200	0.0434	mg/L			04/09/15 12:14	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 12:14	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 12:14	1
Chloroform	**0.0418**	**J**	0.200	0.0403	mg/L			04/09/15 12:14	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 12:14	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 12:14	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 12:14	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 12:14	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*75 - 120*		*04/09/15 12:14*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*04/09/15 12:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*62 - 123*		*04/09/15 12:14*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*04/09/15 12:14*	*1*

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: 4048--PT3

Date Collected: 04/02/15 10:37
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-3

Matrix: Waste

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	535	U	934	535	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Acenaphthylene	545	U	934	545	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Anthracene	587	U	934	587	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzidine	2330	U	9340	2330	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzo[a]anthracene	587	U	934	587	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzo[b]fluoranthene	54.7	U	934	54.7	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzo[k]fluoranthene	83.2	U	934	83.2	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzo[g,h,i]perylene	496	U	934	496	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzo[a]pyrene	524	U	934	524	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Bis(2-chloroethoxy)methane	527	U	934	527	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Bis(2-chloroethyl)ether	93.3	U	934	93.3	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Bis(2-ethylhexyl) phthalate	566	U	934	566	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Bromophenyl phenyl ether	566	U	934	566	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Butyl benzyl phthalate	568	U	934	568	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Chloroaniline	187	U	934	187	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Chloronaphthalene	608	U	934	608	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Chlorophenyl phenyl ether	562	U	934	562	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Carbazole	577	U	934	577	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Chrysene	571	U	934	571	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Di-n-butyl phthalate	603	U	934	603	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Dibenz(a,h)anthracene	537	U	934	537	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Dibenzofuran	557	U	934	557	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
1,2-Dichlorobenzene	74.4	U	934	74.4	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
1,3-Dichlorobenzene	504	U	934	504	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
1,4-Dichlorobenzene	65.3	U	934	65.3	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
3,3'-Dichlorobenzidine	180	U	1870	180	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Diethyl phthalate	578	U	934	578	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Dimethyl phthalate	565	U	934	565	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4-Dinitrotoluene	93.1	U	934	93.1	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,6-Dinitrotoluene	593	U	934	593	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Di-n-octyl phthalate	604	U	934	604	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Fluoranthene	597	U	934	597	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Fluorene	575	U	934	575	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Hexachlorobenzene	589	U	934	589	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Hexachlorocyclopentadiene	63.0	U	934	63.0	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Hexachloroethane	84.7	U	934	84.7	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Hexachlorobutadiene	96.0	U	934	96.0	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Indeno[1,2,3-cd]pyrene	512	U	934	512	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Isophorone	549	U	934	549	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Methylnaphthalene	535	U	934	535	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Naphthalene	**64.5**	**J**	934	54.6	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Nitroaniline	551	U	4530	551	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
3-Nitroaniline	599	U	4530	599	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Nitroaniline	511	U	4530	511	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Nitrobenzene	134	U	934	134	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
N-Nitrosodimethylamine	270	U	934	270	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
N-Nitrosodiphenylamine	89.2	U	934	89.2	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
N-Nitrosodi-n-propylamine	80.9	U	934	80.9	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Phenanthrene	575	U	934	575	mg/Kg		04/13/15 15:08	04/14/15 11:16	10

Client Sample ID: 4048--PT3

Lab Sample ID: 600-109297-3

Date Collected: 04/02/15 10:37

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	625	U	934	625	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
1,2,4-Trichlorobenzene	596	U	934	596	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Benzyl alcohol	176	U	934	176	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Chloro-3-methylphenol	544	U	934	544	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Chlorophenol	65.9	U	934	65.9	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Methylphenol	107	U	934	107	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
3 & 4 Methylphenol	85.1	U	1870	85.1	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4-Dichlorophenol	517	U	934	517	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4-Dimethylphenol	180	U	934	180	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4,6-Dinitro-2-methylphenol	585	U	4530	585	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4-Dinitrophenol	362	U	4530	362	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2-Nitrophenol	509	U	934	509	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
4-Nitrophenol	509	U	4530	509	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Pentachlorophenol	62.6	U	4530	62.6	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
Phenol	106	U	934	106	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4,5-Trichlorophenol	176	U	934	176	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
2,4,6-Trichlorophenol	510	U	934	510	mg/Kg		04/13/15 15:08	04/14/15 11:16	10
bis (2-Chloroisopropyl) ether	98.0	U	934	98.0	mg/Kg		04/13/15 15:08	04/14/15 11:16	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*
2-Fluorophenol	*0*	*X*	*45 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*
Terphenyl-d14	*0*	*X*	*51 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*04/13/15 15:08*	*04/14/15 11:16*	*10*

Client Sample ID: B 25206-25274

Lab Sample ID: 600-109297-4

Date Collected: 04/02/15 12:59

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**12.6**		10.0	1.66	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Benzene	**1.58**	**J**	5.00	0.630	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Chlorobromomethane	1.78	U	5.00	1.78	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Bromoform	1.37	U	5.00	1.37	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Bromomethane	0.830	U	10.0	0.830	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
2-Butanone (MEK)	1.90	U	10.0	1.90	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Carbon disulfide	**44.1**		10.0	0.550	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Carbon tetrachloride	1.13	U	5.00	1.13	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Dibromochloromethane	0.940	U	5.00	0.940	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Chlorobenzene	0.960	U	5.00	0.960	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Chloroethane	1.40	U	10.0	1.40	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Chloroform	**141**		5.00	0.660	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Chloromethane	1.66	U	10.0	1.66	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,1-Dichloroethane	0.870	U	5.00	0.870	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,2-Dichloroethane	0.900	U	5.00	0.900	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,1-Dichloroethene	1.22	U	5.00	1.22	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
cis-1,2-Dichloroethene	0.830	U	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 16:44	2

Client Sample ID: B 25206-25274

Date Collected: 04/02/15 12:59
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-4

Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.14	U	5.00	1.14	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,2-Dichloropropane	0.710	U	5.00	0.710	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
cis-1,3-Dichloropropene	0.540	U	5.00	0.540	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
trans-1,3-Dichloropropene	0.580	U	5.00	0.580	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Ethylbenzene	**35.6**		5.00	1.02	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
2-Hexanone	1.01	U	10.0	1.01	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Methylene Chloride	**2.73**	**J B**	10.0	2.19	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
4-Methyl-2-pentanone (MIBK)	1.47	U	10.0	1.47	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Styrene	0.710	U	5.00	0.710	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,1,2,2-Tetrachloroethane	0.870	U	5.00	0.870	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Tetrachloroethene	0.710	U	5.00	0.710	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Toluene	**25.9**		5.00	1.38	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,1,1-Trichloroethane	0.740	U	5.00	0.740	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,1,2-Trichloroethane	0.730	U	40.0	0.730	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Trichloroethene	1.40	U	5.00	1.40	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Vinyl acetate	0.930	U	10.0	0.930	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Vinyl chloride	0.900	U	10.0	0.900	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
o-Xylene	**172**		5.00	1.13	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
m-Xylene & p-Xylene	**191**		5.00	1.52	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Xylenes, Total	**363**		5.00	1.13	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
Bromodichloromethane	0.660	U	5.00	0.660	mg/Kg		04/07/15 10:00	04/07/15 16:44	2
1,2-Dichloroethene, Total	1.90	U	10.0	1.90	mg/Kg		04/07/15 10:00	04/07/15 16:44	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*50 - 130*	*04/07/15 10:00*	*04/07/15 16:44*	*2*
Dibromofluoromethane	*93*		*68 - 140*	*04/07/15 10:00*	*04/07/15 16:44*	*2*
4-Bromofluorobenzene	*126*		*57 - 140*	*04/07/15 10:00*	*04/07/15 16:44*	*2*
1,2-Dichloroethane-d4 (Surr)	*89*		*61 - 130*	*04/07/15 10:00*	*04/07/15 16:44*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0396	U	0.200	0.0396	mg/L			04/09/15 12:42	1
2-Butanone (MEK)	**2.38**		0.200	0.0434	mg/L			04/09/15 12:42	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 12:42	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 12:42	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			04/09/15 12:42	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 12:42	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 12:42	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 12:42	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 12:42	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*04/09/15 12:42*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*04/09/15 12:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 123*		*04/09/15 12:42*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*04/09/15 12:42*	*1*

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: B 25206-25274

Date Collected: 04/02/15 12:59
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-4

Matrix: Waste

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	520	U	908	520	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Acenaphthylene	530	U	908	530	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Anthracene	571	U	908	571	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzidine	2270	U	9080	2270	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzo[a]anthracene	571	U	908	571	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzo[b]fluoranthene	53.2	U	908	53.2	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzo[k]fluoranthene	80.9	U	908	80.9	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzo[g,h,i]perylene	482	U	908	482	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzo[a]pyrene	509	U	908	509	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Bis(2-chloroethoxy)methane	512	U	908	512	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Bis(2-chloroethyl)ether	90.8	U	908	90.8	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Bis(2-ethylhexyl) phthalate	551	U	908	551	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Bromophenyl phenyl ether	550	U	908	550	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Butyl benzyl phthalate	552	U	908	552	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Chloroaniline	182	U	908	182	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2-Chloronaphthalene	591	U	908	591	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Chlorophenyl phenyl ether	546	U	908	546	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Carbazole	561	U	908	561	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Chrysene	555	U	908	555	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Di-n-butyl phthalate	586	U	908	586	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Dibenz(a,h)anthracene	522	U	908	522	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Dibenzofuran	541	U	908	541	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
1,2-Dichlorobenzene	72.4	U	908	72.4	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
1,3-Dichlorobenzene	490	U	908	490	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
1,4-Dichlorobenzene	63.5	U	908	63.5	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
3,3'-Dichlorobenzidine	175	U	1820	175	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Diethyl phthalate	562	U	908	562	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Dimethyl phthalate	550	U	908	550	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,4-Dinitrotoluene	90.6	U	908	90.6	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,6-Dinitrotoluene	577	U	908	577	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Di-n-octyl phthalate	588	U	908	588	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Fluoranthene	580	U	908	580	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Fluorene	559	U	908	559	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Hexachlorobenzene	573	U	908	573	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Hexachlorocyclopentadiene	61.3	U	908	61.3	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Hexachloroethane	82.3	U	908	82.3	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Hexachlorobutadiene	93.4	U	908	93.4	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Indeno[1,2,3-cd]pyrene	498	U	908	498	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Isophorone	534	U	908	534	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2-Methylnaphthalene	520	U	908	520	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Naphthalene	**402**	**J**	908	53.1	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2-Nitroaniline	536	U	4400	536	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
3-Nitroaniline	582	U	4400	582	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Nitroaniline	497	U	4400	497	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Nitrobenzene	130	U	908	130	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
N-Nitrosodimethylamine	263	U	908	263	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
N-Nitrosodiphenylamine	86.8	U	908	86.8	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
N-Nitrosodi-n-propylamine	78.7	U	908	78.7	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Phenanthrene	559	U	908	559	mg/Kg		04/07/15 14:47	04/08/15 12:54	10

Client Sample ID: B 25206-25274

Date Collected: 04/02/15 12:59
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-4

Matrix: Waste

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	608	U	908	608	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
1,2,4-Trichlorobenzene	580	U	908	580	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Benzyl alcohol	172	U	908	172	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Chloro-3-methylphenol	529	U	908	529	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2-Chlorophenol	**542**	**J**	908	64.1	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,4-Dichlorophenol	503	U	908	503	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4,6-Dinitro-2-methylphenol	569	U	4400	569	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,4-Dinitrophenol	352	U	4400	352	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2-Nitrophenol	495	U	908	495	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
4-Nitrophenol	495	U	4400	495	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Pentachlorophenol	60.9	U	4400	60.9	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
Phenol	**7510**		908	103	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,4,5-Trichlorophenol	171	U	908	171	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
2,4,6-Trichlorophenol	496	U	908	496	mg/Kg		04/07/15 14:47	04/08/15 12:54	10
bis (2-Chloroisopropyl) ether	95.3	U	908	95.3	mg/Kg		04/07/15 14:47	04/08/15 12:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*
2-Fluorophenol	*0*	*X*	*45 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*
Terphenyl-d14	*0*	*X*	*51 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*04/07/15 14:47*	*04/08/15 12:54*	*10*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	**22000**		4540	521	mg/Kg		04/07/15 14:47	04/08/15 14:00	50
3 & 4 Methylphenol	**17200**		9080	414	mg/Kg		04/07/15 14:47	04/08/15 14:00	50
2,4-Dimethylphenol	**12200**		4540	875	mg/Kg		04/07/15 14:47	04/08/15 14:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*
2-Fluorophenol	*0*	*X*	*45 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*
Terphenyl-d14	*0*	*X*	*51 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*04/07/15 14:47*	*04/08/15 14:00*	*50*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.890	U	5.00	0.890	mg/L		04/08/15 14:17	04/10/15 09:16	20
2,4-Dinitrotoluene	1.32	U	5.00	1.32	mg/L		04/08/15 14:17	04/10/15 09:16	20
2,4,5-Trichlorophenol	1.36	U	5.00	1.36	mg/L		04/08/15 14:17	04/10/15 09:16	20
2,4,6-Trichlorophenol	**2.83**	**J**	5.00	1.29	mg/L		04/08/15 14:17	04/10/15 09:16	20
Hexachlorobenzene	1.30	U	5.00	1.30	mg/L		04/08/15 14:17	04/10/15 09:16	20
Hexachlorobutadiene	1.06	U	5.00	1.06	mg/L		04/08/15 14:17	04/10/15 09:16	20
Hexachloroethane	1.10	U	5.00	1.10	mg/L		04/08/15 14:17	04/10/15 09:16	20
Nitrobenzene	1.24	U	5.00	1.24	mg/L		04/08/15 14:17	04/10/15 09:16	20
Pentachlorophenol	2.31	U	25.0	2.31	mg/L		04/08/15 14:17	04/10/15 09:16	20
Pyridine	1.08	U	5.00	1.08	mg/L		04/08/15 14:17	04/10/15 09:16	20

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: B 25206-25274

Date Collected: 04/02/15 12:59
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-4

Matrix: Waste

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	X	35 - 130	04/08/15 14:17	04/10/15 09:16	20
2-Fluorophenol	0	X	10 - 130	04/08/15 14:17	04/10/15 09:16	20
2-Fluorobiphenyl	0	X	41 - 130	04/08/15 14:17	04/10/15 09:16	20
2,4,6-Tribromophenol	0	X	12 - 138	04/08/15 14:17	04/10/15 09:16	20
Terphenyl-d14	0	X	43 - 130	04/08/15 14:17	04/10/15 09:16	20
Phenol-d5 (Surr)	0	X	10 - 130	04/08/15 14:17	04/10/15 09:16	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	**385**		50.0	9.05	mg/L		04/08/15 14:17	04/10/15 12:22	200
3 & 4 Methylphenol	**258**		100	9.40	mg/L		04/08/15 14:17	04/10/15 12:22	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	X	35 - 130	04/08/15 14:17	04/10/15 12:22	200
2-Fluorophenol	0	X	10 - 130	04/08/15 14:17	04/10/15 12:22	200
2-Fluorobiphenyl	0	X	41 - 130	04/08/15 14:17	04/10/15 12:22	200
2,4,6-Tribromophenol	0	X	12 - 138	04/08/15 14:17	04/10/15 12:22	200
Terphenyl-d14	0	X	43 - 130	04/08/15 14:17	04/10/15 12:22	200
Phenol-d5 (Surr)	0	X	10 - 130	04/08/15 14:17	04/10/15 12:22	200

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**94700**		5000	1900	mg/Kg		04/06/15 15:43	04/07/15 05:52	50
>C12-C28	**344000**		5000	2030	mg/Kg		04/06/15 15:43	04/07/15 05:52	50
>C28-C35	**43200**		5000	2030	mg/Kg		04/06/15 15:43	04/07/15 05:52	50
C6-C35	**482000**		5000	1900	mg/Kg		04/06/15 15:43	04/07/15 05:52	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	0	X	70 - 130	04/06/15 15:43	04/07/15 05:52	50

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.886	U	1.97	0.886	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Barium	**5.26**		1.97	1.57	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Cadmium	0.0984	U	0.984	0.0984	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Chromium	**1.73**		0.984	0.591	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Lead	0.492	U	0.984	0.492	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Selenium	0.984	U	1.97	0.984	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Silver	0.492	U	0.984	0.492	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Sodium	**9020**		197	98.4	mg/Kg		04/09/15 14:00	04/10/15 02:54	1
Sulfur	**18900**		49.2	19.7	mg/Kg		04/09/15 14:00	04/10/15 02:54	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 13:32	04/09/15 11:52	1
Barium	**0.187**	**J B**	0.200	0.0220	mg/L		04/08/15 13:32	04/09/15 11:52	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 13:32	04/09/15 11:52	1
Chromium	**0.0850**	**J B**	0.100	0.0155	mg/L		04/08/15 13:32	04/09/15 11:52	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 13:32	04/09/15 11:52	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 13:32	04/09/15 11:52	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 13:32	04/09/15 11:52	1

Client Sample ID: B 25206-25274

Lab Sample ID: 600-109297-4

Date Collected: 04/02/15 12:59

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000820	U	0.00200	0.000820	mg/L		04/09/15 06:21	04/09/15 10:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0644**	**J**	0.170	0.0358	mg/Kg		04/07/15 09:35	04/07/15 13:57	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			04/10/15 07:20	1
Cyanide, Reactive	0.0847	U	0.248	0.0847	mg/Kg		04/09/15 08:00	04/09/15 23:46	1
Halogens, Extractable Organic	**387**		198	33.7	mg/Kg		04/08/15 05:29	04/08/15 10:40	1
Sulfide, Reactive	**29.7**	**J**	49.5	13.9	mg/Kg		04/09/15 08:00	04/09/15 23:35	1
pH	**7.33**		0.0100	0.0100	SU			04/09/15 15:15	1
Percent Water	**0.000**				%			04/10/15 14:00	1

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-6

Date Collected: 04/02/15 15:33

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.830	U	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Benzene	**0.445**	**J**	2.50	0.315	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Bromoform	0.685	U	2.50	0.685	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
2-Butanone (MEK)	0.950	U	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Carbon disulfide	0.275	U	5.00	0.275	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Carbon tetrachloride	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Chloroform	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,2-Dichloropropane	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
cis-1,3-Dichloropropene	0.270	U	2.50	0.270	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
trans-1,3-Dichloropropene	0.290	U	2.50	0.290	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Ethylbenzene	**8.75**		2.50	0.510	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Methylene Chloride	**1.13**	**J B**	5.00	1.10	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
4-Methyl-2-pentanone (MIBK)	0.735	U	5.00	0.735	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Styrene	**6.06**		2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Tetrachloroethene	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Toluene	**2.35**	**J**	2.50	0.690	mg/Kg		04/07/15 10:00	04/07/15 17:08	1

Client Sample ID: FT 1001

Date Collected: 04/02/15 15:33
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-6

Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.370	U	2.50	0.370	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Vinyl acetate	0.465	U	5.00	0.465	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
o-Xylene	**3.15**		2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
m-Xylene & p-Xylene	**2.34**	**J**	2.50	0.760	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Xylenes, Total	**5.49**		2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:08	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 130*	*04/07/15 10:00*	*04/07/15 17:08*	*1*
Dibromofluoromethane	*89*		*68 - 140*	*04/07/15 10:00*	*04/07/15 17:08*	*1*
4-Bromofluorobenzene	*94*		*57 - 140*	*04/07/15 10:00*	*04/07/15 17:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 130*	*04/07/15 10:00*	*04/07/15 17:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0502**	**J**	0.200	0.0396	mg/L			04/09/15 13:10	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			04/09/15 13:10	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 13:10	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 13:10	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			04/09/15 13:10	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 13:10	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 13:10	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 13:10	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 13:10	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*04/09/15 13:10*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*04/09/15 13:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 123*		*04/09/15 13:10*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*04/09/15 13:10*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 14:17	04/10/15 10:18	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 14:17	04/10/15 10:18	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 14:17	04/10/15 10:18	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 14:17	04/10/15 10:18	1
2-Methylphenol	**0.146**		0.0500	0.00905	mg/L		04/08/15 14:17	04/10/15 10:18	1
3 & 4 Methylphenol	**0.106**		0.100	0.00940	mg/L		04/08/15 14:17	04/10/15 10:18	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 14:17	04/10/15 10:18	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 14:17	04/10/15 10:18	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 14:17	04/10/15 10:18	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 14:17	04/10/15 10:18	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 14:17	04/10/15 10:18	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		04/08/15 14:17	04/10/15 10:18	1

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-6

Date Collected: 04/02/15 15:33
Matrix: Waste
Date Received: 04/02/15 17:52

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*70*		*35 - 130*	*04/08/15 14:17*	*04/10/15 10:18*	*1*
2-Fluorophenol	*36*		*10 - 130*	*04/08/15 14:17*	*04/10/15 10:18*	*1*
2-Fluorobiphenyl	*78*		*41 - 130*	*04/08/15 14:17*	*04/10/15 10:18*	*1*
2,4,6-Tribromophenol	*93*		*12 - 138*	*04/08/15 14:17*	*04/10/15 10:18*	*1*
Terphenyl-d14	*79*		*43 - 130*	*04/08/15 14:17*	*04/10/15 10:18*	*1*
Phenol-d5 (Surr)	*22*		*10 - 130*	*04/08/15 14:17*	*04/10/15 10:18*	*1*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**1030**		100	38.0	mg/Kg		04/08/15 09:42	04/09/15 08:19	10
>C12-C28	**3230**		100	40.6	mg/Kg		04/08/15 09:42	04/09/15 08:19	10
>C28-C35	**1240**		100	40.6	mg/Kg		04/08/15 09:42	04/09/15 08:19	10
C6-C35	**5500**		100	38.0	mg/Kg		04/08/15 09:42	04/09/15 08:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*94*		*70 - 130*	*04/08/15 09:42*	*04/09/15 08:19*	*10*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 13:32	04/09/15 11:57	1
Barium	**0.205**	**B**	0.200	0.0220	mg/L		04/08/15 13:32	04/09/15 11:57	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 13:32	04/09/15 11:57	1
Chromium	**0.0170**	**J B**	0.100	0.0155	mg/L		04/08/15 13:32	04/09/15 11:57	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 13:32	04/09/15 11:57	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 13:32	04/09/15 11:57	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 13:32	04/09/15 11:57	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/09/15 06:21	04/09/15 10:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.378**		0.0165	0.00346	mg/Kg		04/07/15 09:35	04/07/15 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			04/10/15 07:20	1
Cyanide, Reactive	0.0845	U	0.247	0.0845	mg/Kg		04/09/15 08:00	04/09/15 23:46	1
Halogens, Extractable Organic	33.5	U	197	33.5	mg/Kg		04/08/15 05:32	04/08/15 11:06	1
Sulfide, Reactive	13.8	U	49.4	13.8	mg/Kg		04/09/15 08:00	04/09/15 23:35	1
pH	**8.66**		0.0100	0.0100	SU			04/09/15 15:15	1
Percent Water	**96.0**				%			04/10/15 14:00	1

Client Sample ID: Group 6

Lab Sample ID: 600-109297-7

Date Collected: 04/02/15 15:49
Matrix: Waste
Date Received: 04/02/15 17:52

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.939**	**J**	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Benzene	0.315	U	2.50	0.315	mg/Kg		04/07/15 10:00	04/07/15 17:33	1

Client Sample ID: Group 6

Date Collected: 04/02/15 15:49
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-7

Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Bromoform	0.685	U	2.50	0.685	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
2-Butanone (MEK)	0.950	U	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Carbon disulfide	0.275	U	5.00	0.275	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Carbon tetrachloride	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Chloroform	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,2-Dichloropropane	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
cis-1,3-Dichloropropene	0.270	U	2.50	0.270	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
trans-1,3-Dichloropropene	0.290	U	2.50	0.290	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Ethylbenzene	0.510	U	2.50	0.510	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Methylene Chloride	1.10	U	5.00	1.10	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
4-Methyl-2-pentanone (MIBK)	0.735	U	5.00	0.735	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Styrene	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Tetrachloroethene	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Toluene	0.690	U	2.50	0.690	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,1,1-Trichloroethane	0.370	U	2.50	0.370	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Vinyl acetate	0.465	U	5.00	0.465	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
o-Xylene	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
m-Xylene & p-Xylene	0.760	U	2.50	0.760	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Xylenes, Total	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:33	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*50 - 130*	*04/07/15 10:00*	*04/07/15 17:33*	*1*
Dibromofluoromethane	*87*		*68 - 140*	*04/07/15 10:00*	*04/07/15 17:33*	*1*
4-Bromofluorobenzene	*94*		*57 - 140*	*04/07/15 10:00*	*04/07/15 17:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 130*	*04/07/15 10:00*	*04/07/15 17:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0396	U	0.200	0.0396	mg/L			04/09/15 13:37	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			04/09/15 13:37	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			04/09/15 13:37	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			04/09/15 13:37	1

Client Sample ID: Group 6

Date Collected: 04/02/15 15:49
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-7

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.0403	U	0.200	0.0403	mg/L			04/09/15 13:37	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			04/09/15 13:37	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			04/09/15 13:37	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			04/09/15 13:37	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			04/09/15 13:37	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			04/09/15 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*04/09/15 13:37*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*04/09/15 13:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 123*		*04/09/15 13:37*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*04/09/15 13:37*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 12:04	04/09/15 17:30	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 12:04	04/09/15 17:30	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 12:04	04/09/15 17:30	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 12:04	04/09/15 17:30	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		04/08/15 12:04	04/09/15 17:30	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		04/08/15 12:04	04/09/15 17:30	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 12:04	04/09/15 17:30	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 12:04	04/09/15 17:30	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 12:04	04/09/15 17:30	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 12:04	04/09/15 17:30	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 12:04	04/09/15 17:30	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		04/08/15 12:04	04/09/15 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*35 - 130*	*04/08/15 12:04*	*04/09/15 17:30*	*1*
2-Fluorophenol	*69*		*10 - 130*	*04/08/15 12:04*	*04/09/15 17:30*	*1*
2-Fluorobiphenyl	*80*		*41 - 130*	*04/08/15 12:04*	*04/09/15 17:30*	*1*
2,4,6-Tribromophenol	*103*		*12 - 138*	*04/08/15 12:04*	*04/09/15 17:30*	*1*
Terphenyl-d14	*91*		*43 - 130*	*04/08/15 12:04*	*04/09/15 17:30*	*1*
Phenol-d5 (Surr)	*7*	*X*	*10 - 130*	*04/08/15 12:04*	*04/09/15 17:30*	*1*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		04/08/15 09:42	04/08/15 22:30	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		04/08/15 09:42	04/08/15 22:30	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		04/08/15 09:42	04/08/15 22:30	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		04/08/15 09:42	04/08/15 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*70 - 130*	*04/08/15 09:42*	*04/08/15 22:30*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 13:32	04/09/15 12:09	1
Barium	**0.216**	**B**	0.200	0.0220	mg/L		04/08/15 13:32	04/09/15 12:09	1
Cadmium	**0.0700**		0.0500	0.00350	mg/L		04/08/15 13:32	04/09/15 12:09	1

Client Sample ID: Group 6

Lab Sample ID: 600-109297-7

Date Collected: 04/02/15 15:49

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 6010B - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	4.44		0.100	0.0155	mg/L		04/08/15 13:32	04/09/15 12:09	1
Selenium	0.0860	J	0.400	0.0417	mg/L		04/08/15 13:32	04/09/15 12:09	1
Silver	0.0210	J	0.100	0.0125	mg/L		04/08/15 13:32	04/09/15 12:09	1

Method: 6010B - Metals (ICP) - TCLP - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.42		1.00	0.290	mg/L		04/08/15 13:32	04/09/15 14:47	10

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000820	U	0.00200	0.000820	mg/L		04/09/15 06:21	04/09/15 10:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00451	J	0.0159	0.00336	mg/Kg		04/07/15 09:35	04/07/15 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			04/10/15 07:20	1
Cyanide, Reactive	0.0848	U	0.248	0.0848	mg/Kg		04/09/15 08:00	04/09/15 23:46	1
Halogens, Extractable Organic	34.0	U	200	34.0	mg/Kg		04/08/15 05:31	04/08/15 11:00	1
Sulfide, Reactive	13.9	U	49.6	13.9	mg/Kg		04/09/15 08:00	04/09/15 23:35	1
pH	0.450		0.0100	0.0100	SU			04/09/15 15:15	1
Percent Water	96.0				%			04/10/15 14:00	1

Client Sample ID: Group 7

Lab Sample ID: 600-109297-8

Date Collected: 04/02/15 16:14

Matrix: Waste

Date Received: 04/02/15 17:52

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11.1		5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Benzene	0.315	U	2.50	0.315	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Bromoform	0.685	U	2.50	0.685	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
2-Butanone (MEK)	3.01	J	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Carbon disulfide	0.275	U	5.00	0.275	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Carbon tetrachloride	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Chloroform	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,2-Dichloropropane	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
cis-1,3-Dichloropropene	0.270	U	2.50	0.270	mg/Kg		04/07/15 10:00	04/07/15 17:57	1

Client Sample ID: Group 7

Date Collected: 04/02/15 16:14
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-8

Matrix: Waste

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.290	U	2.50	0.290	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Ethylbenzene	0.510	U	2.50	0.510	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Methylene Chloride	**1.10**	**J B**	5.00	1.10	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
4-Methyl-2-pentanone (MIBK)	0.735	U	5.00	0.735	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Styrene	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Tetrachloroethene	0.355	U	2.50	0.355	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Toluene	0.690	U	2.50	0.690	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,1,1-Trichloroethane	0.370	U	2.50	0.370	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Vinyl acetate	0.465	U	5.00	0.465	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
o-Xylene	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
m-Xylene & p-Xylene	0.760	U	2.50	0.760	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Xylenes, Total	0.565	U	2.50	0.565	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		04/07/15 10:00	04/07/15 17:57	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		04/07/15 10:00	04/07/15 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*50 - 130*	*04/07/15 10:00*	*04/07/15 17:57*	*1*
Dibromofluoromethane	*90*		*68 - 140*	*04/07/15 10:00*	*04/07/15 17:57*	*1*
4-Bromofluorobenzene	*95*		*57 - 140*	*04/07/15 10:00*	*04/07/15 17:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*61 - 130*	*04/07/15 10:00*	*04/07/15 17:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.792	U	4.00	0.792	mg/L			04/09/15 10:47	20
2-Butanone (MEK)	**32.6**		4.00	0.867	mg/L			04/09/15 10:47	20
Carbon tetrachloride	0.867	U	4.00	0.867	mg/L			04/09/15 10:47	20
Chlorobenzene	0.421	U	4.00	0.421	mg/L			04/09/15 10:47	20
Chloroform	0.806	U	4.00	0.806	mg/L			04/09/15 10:47	20
1,2-Dichloroethane	0.767	U	4.00	0.767	mg/L			04/09/15 10:47	20
1,1-Dichloroethene	0.853	U	4.00	0.853	mg/L			04/09/15 10:47	20
Tetrachloroethene	0.660	U	4.00	0.660	mg/L			04/09/15 10:47	20
Trichloroethene	0.641	U	4.00	0.641	mg/L			04/09/15 10:47	20
Vinyl chloride	1.03	U	4.00	1.03	mg/L			04/09/15 10:47	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*04/09/15 10:47*	*20*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*04/09/15 10:47*	*20*
1,2-Dichloroethane-d4 (Surr)	*86*		*62 - 123*		*04/09/15 10:47*	*20*
Toluene-d8 (Surr)	*84*		*80 - 120*		*04/09/15 10:47*	*20*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 10:50	04/09/15 16:59	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 10:50	04/09/15 16:59	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 10:50	04/09/15 16:59	1

Client Sample ID: Group 7

Date Collected: 04/02/15 16:14
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-8
Matrix: Waste

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 10:50	04/09/15 16:59	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		04/08/15 10:50	04/09/15 16:59	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		04/08/15 10:50	04/09/15 16:59	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 10:50	04/09/15 16:59	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 10:50	04/09/15 16:59	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 10:50	04/09/15 16:59	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 10:50	04/09/15 16:59	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 10:50	04/09/15 16:59	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		04/08/15 10:50	04/09/15 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*76*		*35 - 130*	*04/08/15 10:50*	*04/09/15 16:59*	*1*
2-Fluorophenol	*69*		*10 - 130*	*04/08/15 10:50*	*04/09/15 16:59*	*1*
2-Fluorobiphenyl	*66*		*41 - 130*	*04/08/15 10:50*	*04/09/15 16:59*	*1*
2,4,6-Tribromophenol	*73*		*12 - 138*	*04/08/15 10:50*	*04/09/15 16:59*	*1*
Terphenyl-d14	*72*		*43 - 130*	*04/08/15 10:50*	*04/09/15 16:59*	*1*
Phenol-d5 (Surr)	*58*		*10 - 130*	*04/08/15 10:50*	*04/09/15 16:59*	*1*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	76.0	U	200	76.0	mg/Kg		04/06/15 15:43	04/07/15 09:08	2
>C12-C28	**1020**		200	81.2	mg/Kg		04/06/15 15:43	04/07/15 09:08	2
>C28-C35	**2570**		200	81.2	mg/Kg		04/06/15 15:43	04/07/15 09:08	2
C6-C35	**3590**		200	76.0	mg/Kg		04/06/15 15:43	04/07/15 09:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*70 - 130*	*04/06/15 15:43*	*04/07/15 09:08*	*2*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0420**	**J B**	0.100	0.0328	mg/L		04/08/15 08:40	04/08/15 16:40	1
Barium	**0.0240**	**J B**	0.200	0.0220	mg/L		04/08/15 08:40	04/08/15 16:40	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 08:40	04/08/15 16:40	1
Chromium	**0.724**	**B**	0.100	0.0155	mg/L		04/08/15 08:40	04/08/15 16:40	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 08:40	04/08/15 16:40	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 08:40	04/08/15 16:40	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 08:40	04/08/15 16:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/08/15 07:30	04/08/15 11:46	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00447**	**J**	0.0159	0.00336	mg/Kg		04/07/15 09:35	04/07/15 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			04/10/15 07:20	1
Cyanide, Reactive	0.0852	U	0.249	0.0852	mg/Kg		04/09/15 08:00	04/09/15 23:46	1
Halogens, Extractable Organic	34.0	U	200	34.0	mg/Kg		04/08/15 05:34	04/08/15 11:14	1

Client Sample ID: Group 7

Lab Sample ID: 600-109297-8

Date Collected: 04/02/15 16:14

Matrix: Waste

Date Received: 04/02/15 17:52

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	13.9	U	49.8	13.9	mg/Kg		04/09/15 08:00	04/09/15 23:35	1
pH	0.0100	U	0.0100	0.0100	SU			04/09/15 15:15	1
Percent Water	**96.0**				%			04/10/15 14:00	1

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-13

Date Collected: 04/02/15 15:33

Matrix: Water

Date Received: 04/02/15 17:52

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.39	U	6.00	1.39	mg/L		04/08/15 14:17	04/10/15 10:50	20
Acenaphthylene	1.44	U	6.00	1.44	mg/L		04/08/15 14:17	04/10/15 10:50	20
Anthracene	1.52	U	6.00	1.52	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzidine	33.3	U	60.0	33.3	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzo[a]anthracene	1.49	U	6.00	1.49	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzo[a]pyrene	1.61	U	6.00	1.61	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzo[b]fluoranthene	1.65	U	6.00	1.65	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzo[g,h,i]perylene	1.72	U	6.00	1.72	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzo[k]fluoranthene	1.76	U	6.00	1.76	mg/L		04/08/15 14:17	04/10/15 10:50	20
Benzyl alcohol	0.899	U	6.00	0.899	mg/L		04/08/15 14:17	04/10/15 10:50	20
Bis(2-chloroethoxy)methane	1.51	U	6.00	1.51	mg/L		04/08/15 14:17	04/10/15 10:50	20
Bis(2-chloroethyl)ether	1.38	U	6.00	1.38	mg/L		04/08/15 14:17	04/10/15 10:50	20
bis (2-Chloroisopropyl) ether	1.54	U	6.00	1.54	mg/L		04/08/15 14:17	04/10/15 10:50	20
Bis(2-ethylhexyl) phthalate	**1.55**	**J**	6.00	1.50	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Bromophenyl phenyl ether	1.65	U	6.00	1.65	mg/L		04/08/15 14:17	04/10/15 10:50	20
Butyl benzyl phthalate	1.54	U	6.00	1.54	mg/L		04/08/15 14:17	04/10/15 10:50	20
Carbazole	1.66	U	6.00	1.66	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Chloroaniline	1.68	U	6.00	1.68	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Chloro-3-methylphenol	1.51	U	6.00	1.51	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Chloronaphthalene	1.34	U	6.00	1.34	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Chlorophenol	1.35	U	6.00	1.35	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Chlorophenyl phenyl ether	1.51	U	6.00	1.51	mg/L		04/08/15 14:17	04/10/15 10:50	20
Chrysene	1.52	U	6.00	1.52	mg/L		04/08/15 14:17	04/10/15 10:50	20
Dibenz(a,h)anthracene	1.71	U	6.00	1.71	mg/L		04/08/15 14:17	04/10/15 10:50	20
Dibenzofuran	1.38	U	6.00	1.38	mg/L		04/08/15 14:17	04/10/15 10:50	20
1,2-Dichlorobenzene	1.11	U	6.00	1.11	mg/L		04/08/15 14:17	04/10/15 10:50	20
1,3-Dichlorobenzene	1.15	U	6.00	1.15	mg/L		04/08/15 14:17	04/10/15 10:50	20
1,4-Dichlorobenzene	1.07	U	6.00	1.07	mg/L		04/08/15 14:17	04/10/15 10:50	20
3,3'-Dichlorobenzidine	2.32	U	12.0	2.32	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4-Dichlorophenol	1.56	U	6.00	1.56	mg/L		04/08/15 14:17	04/10/15 10:50	20
Diethyl phthalate	1.55	U	6.00	1.55	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4-Dimethylphenol	**2.92**	**J**	6.00	1.39	mg/L		04/08/15 14:17	04/10/15 10:50	20
Dimethyl phthalate	1.53	U	6.00	1.53	mg/L		04/08/15 14:17	04/10/15 10:50	20
Di-n-butyl phthalate	1.53	U	6.00	1.53	mg/L		04/08/15 14:17	04/10/15 10:50	20
4,6-Dinitro-2-methylphenol	2.85	U	30.0	2.85	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4-Dinitrophenol	2.13	U	30.0	2.13	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4-Dinitrotoluene	1.58	U	6.00	1.58	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,6-Dinitrotoluene	1.50	U	6.00	1.50	mg/L		04/08/15 14:17	04/10/15 10:50	20
Di-n-octyl phthalate	1.50	U	6.00	1.50	mg/L		04/08/15 14:17	04/10/15 10:50	20
Fluoranthene	1.57	U	6.00	1.57	mg/L		04/08/15 14:17	04/10/15 10:50	20

Client Sample ID: FT 1001

Date Collected: 04/02/15 15:33
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-13

Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	1.37	U	6.00	1.37	mg/L		04/08/15 14:17	04/10/15 10:50	20
Hexachlorobenzene	1.56	U	6.00	1.56	mg/L		04/08/15 14:17	04/10/15 10:50	20
Hexachlorobutadiene	1.27	U	6.00	1.27	mg/L		04/08/15 14:17	04/10/15 10:50	20
Hexachlorocyclopentadiene	0.626	U	6.00	0.626	mg/L		04/08/15 14:17	04/10/15 10:50	20
Hexachloroethane	1.32	U	6.00	1.32	mg/L		04/08/15 14:17	04/10/15 10:50	20
Indeno[1,2,3-cd]pyrene	1.54	U	6.00	1.54	mg/L		04/08/15 14:17	04/10/15 10:50	20
Isophorone	1.59	U	6.00	1.59	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Methylnaphthalene	**15.9**		6.00	1.81	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Methylphenol	**3.88**	**J**	6.00	1.09	mg/L		04/08/15 14:17	04/10/15 10:50	20
3 & 4 Methylphenol	1.13	U	12.0	1.13	mg/L		04/08/15 14:17	04/10/15 10:50	20
Naphthalene	**14.6**		6.00	1.71	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Nitroaniline	1.47	U	30.0	1.47	mg/L		04/08/15 14:17	04/10/15 10:50	20
3-Nitroaniline	0.568	U	30.0	0.568	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Nitroaniline	1.38	U *	30.0	1.38	mg/L		04/08/15 14:17	04/10/15 10:50	20
Nitrobenzene	1.49	U	6.00	1.49	mg/L		04/08/15 14:17	04/10/15 10:50	20
2-Nitrophenol	1.59	U	6.00	1.59	mg/L		04/08/15 14:17	04/10/15 10:50	20
4-Nitrophenol	0.906	U	30.0	0.906	mg/L		04/08/15 14:17	04/10/15 10:50	20
N-Nitrosodimethylamine	1.16	U	6.00	1.16	mg/L		04/08/15 14:17	04/10/15 10:50	20
N-Nitrosodi-n-propylamine	1.73	U	6.00	1.73	mg/L		04/08/15 14:17	04/10/15 10:50	20
N-Nitrosodiphenylamine	1.64	U	6.00	1.64	mg/L		04/08/15 14:17	04/10/15 10:50	20
Pentachlorophenol	2.77	U	30.0	2.77	mg/L		04/08/15 14:17	04/10/15 10:50	20
Phenanthrene	**2.79**	**J**	6.00	0.474	mg/L		04/08/15 14:17	04/10/15 10:50	20
Phenol	0.595	U	6.00	0.595	mg/L		04/08/15 14:17	04/10/15 10:50	20
Pyrene	1.44	U	6.00	1.44	mg/L		04/08/15 14:17	04/10/15 10:50	20
1,2,4-Trichlorobenzene	1.35	U	6.00	1.35	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4,5-Trichlorophenol	1.63	U	6.00	1.63	mg/L		04/08/15 14:17	04/10/15 10:50	20
2,4,6-Trichlorophenol	1.55	U	6.00	1.55	mg/L		04/08/15 14:17	04/10/15 10:50	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*X*	*41 - 130*	*04/08/15 14:17*	*04/10/15 10:50*	*20*
2-Fluorophenol	*0*	*X*	*10 - 130*	*04/08/15 14:17*	*04/10/15 10:50*	*20*
Nitrobenzene-d5	*0*	*X*	*35 - 130*	*04/08/15 14:17*	*04/10/15 10:50*	*20*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*	*04/08/15 14:17*	*04/10/15 10:50*	*20*
Terphenyl-d14	*0*	*X*	*43 - 130*	*04/08/15 14:17*	*04/10/15 10:50*	*20*
2,4,6-Tribromophenol	*0*	*X*	*12 - 138*	*04/08/15 14:17*	*04/10/15 10:50*	*20*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.168**		0.0100	0.00720	mg/L		04/09/15 14:17	04/13/15 14:38	1
Barium	**4.26**		0.0100	0.00500	mg/L		04/09/15 14:17	04/13/15 14:38	1
Cadmium	**0.0438**		0.00100	0.000500	mg/L		04/09/15 14:17	04/13/15 14:38	1
Chromium	**0.459**		0.00500	0.00300	mg/L		04/09/15 14:17	04/13/15 14:38	1
Lead	**0.526**		0.00500	0.00200	mg/L		04/09/15 14:17	04/13/15 14:38	1
Selenium	0.0500	U	0.100	0.0500	mg/L		04/09/15 14:17	04/13/15 14:11	10
Silver	0.0250	U	0.0500	0.0250	mg/L		04/09/15 14:17	04/13/15 14:11	10
Sulfur	**601**		2.50	1.00	mg/L		04/09/15 14:17	04/13/15 14:11	10

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: Group 6
Date Collected: 04/02/15 15:49
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-14
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.116	U	0.500	0.116	mg/L		04/08/15 14:17	04/10/15 11:21	10
Acenaphthylene	0.120	U	0.500	0.120	mg/L		04/08/15 14:17	04/10/15 11:21	10
Anthracene	0.127	U	0.500	0.127	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzidine	2.77	U	5.00	2.77	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzo[a]anthracene	0.124	U	0.500	0.124	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzo[a]pyrene	0.135	U	0.500	0.135	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzo[b]fluoranthene	0.138	U	0.500	0.138	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzo[g,h,i]perylene	0.143	U	0.500	0.143	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzo[k]fluoranthene	0.147	U	0.500	0.147	mg/L		04/08/15 14:17	04/10/15 11:21	10
Benzyl alcohol	0.0749	U	0.500	0.0749	mg/L		04/08/15 14:17	04/10/15 11:21	10
Bis(2-chloroethoxy)methane	0.126	U	0.500	0.126	mg/L		04/08/15 14:17	04/10/15 11:21	10
Bis(2-chloroethyl)ether	0.115	U	0.500	0.115	mg/L		04/08/15 14:17	04/10/15 11:21	10
bis (2-Chloroisopropyl) ether	0.128	U	0.500	0.128	mg/L		04/08/15 14:17	04/10/15 11:21	10
Bis(2-ethylhexyl) phthalate	0.125	U	0.500	0.125	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Bromophenyl phenyl ether	0.137	U	0.500	0.137	mg/L		04/08/15 14:17	04/10/15 11:21	10
Butyl benzyl phthalate	0.128	U	0.500	0.128	mg/L		04/08/15 14:17	04/10/15 11:21	10
Carbazole	0.139	U	0.500	0.139	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Chloroaniline	0.140	U	0.500	0.140	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Chloro-3-methylphenol	0.126	U	0.500	0.126	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Chloronaphthalene	0.112	U	0.500	0.112	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Chlorophenol	0.112	U	0.500	0.112	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Chlorophenyl phenyl ether	0.125	U	0.500	0.125	mg/L		04/08/15 14:17	04/10/15 11:21	10
Chrysene	0.127	U	0.500	0.127	mg/L		04/08/15 14:17	04/10/15 11:21	10
Dibenz(a,h)anthracene	0.143	U	0.500	0.143	mg/L		04/08/15 14:17	04/10/15 11:21	10
Dibenzofuran	0.115	U	0.500	0.115	mg/L		04/08/15 14:17	04/10/15 11:21	10
1,2-Dichlorobenzene	0.0929	U	0.500	0.0929	mg/L		04/08/15 14:17	04/10/15 11:21	10
1,3-Dichlorobenzene	0.0958	U	0.500	0.0958	mg/L		04/08/15 14:17	04/10/15 11:21	10
1,4-Dichlorobenzene	0.0890	U	0.500	0.0890	mg/L		04/08/15 14:17	04/10/15 11:21	10
3,3'-Dichlorobenzidine	0.193	U	1.00	0.193	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4-Dichlorophenol	0.130	U	0.500	0.130	mg/L		04/08/15 14:17	04/10/15 11:21	10
Diethyl phthalate	0.129	U	0.500	0.129	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4-Dimethylphenol	0.116	U	0.500	0.116	mg/L		04/08/15 14:17	04/10/15 11:21	10
Dimethyl phthalate	0.127	U	0.500	0.127	mg/L		04/08/15 14:17	04/10/15 11:21	10
Di-n-butyl phthalate	0.128	U	0.500	0.128	mg/L		04/08/15 14:17	04/10/15 11:21	10
4,6-Dinitro-2-methylphenol	0.238	U	2.50	0.238	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4-Dinitrophenol	0.177	U	2.50	0.177	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4-Dinitrotoluene	0.132	U	0.500	0.132	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,6-Dinitrotoluene	0.125	U	0.500	0.125	mg/L		04/08/15 14:17	04/10/15 11:21	10
Di-n-octyl phthalate	0.125	U	0.500	0.125	mg/L		04/08/15 14:17	04/10/15 11:21	10
Fluoranthene	0.131	U	0.500	0.131	mg/L		04/08/15 14:17	04/10/15 11:21	10
Fluorene	0.114	U	0.500	0.114	mg/L		04/08/15 14:17	04/10/15 11:21	10
Hexachlorobenzene	0.130	U	0.500	0.130	mg/L		04/08/15 14:17	04/10/15 11:21	10
Hexachlorobutadiene	0.106	U	0.500	0.106	mg/L		04/08/15 14:17	04/10/15 11:21	10
Hexachlorocyclopentadiene	0.0522	U	0.500	0.0522	mg/L		04/08/15 14:17	04/10/15 11:21	10
Hexachloroethane	0.110	U	0.500	0.110	mg/L		04/08/15 14:17	04/10/15 11:21	10
Indeno[1,2,3-cd]pyrene	0.129	U	0.500	0.129	mg/L		04/08/15 14:17	04/10/15 11:21	10
Isophorone	0.132	U	0.500	0.132	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Methylnaphthalene	0.151	U	0.500	0.151	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Methylphenol	0.0905	U	0.500	0.0905	mg/L		04/08/15 14:17	04/10/15 11:21	10

Client Sample ID: Group 6

Lab Sample ID: 600-109297-14

Date Collected: 04/02/15 15:49

Matrix: Water

Date Received: 04/02/15 17:52

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.0940	U	1.00	0.0940	mg/L		04/08/15 14:17	04/10/15 11:21	10
Naphthalene	0.142	U	0.500	0.142	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Nitroaniline	0.123	U	2.50	0.123	mg/L		04/08/15 14:17	04/10/15 11:21	10
3-Nitroaniline	0.0473	U	2.50	0.0473	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Nitroaniline	0.115	U *	2.50	0.115	mg/L		04/08/15 14:17	04/10/15 11:21	10
Nitrobenzene	0.124	U	0.500	0.124	mg/L		04/08/15 14:17	04/10/15 11:21	10
2-Nitrophenol	0.132	U	0.500	0.132	mg/L		04/08/15 14:17	04/10/15 11:21	10
4-Nitrophenol	0.0755	U	2.50	0.0755	mg/L		04/08/15 14:17	04/10/15 11:21	10
N-Nitrosodimethylamine	0.0965	U	0.500	0.0965	mg/L		04/08/15 14:17	04/10/15 11:21	10
N-Nitrosodi-n-propylamine	0.144	U	0.500	0.144	mg/L		04/08/15 14:17	04/10/15 11:21	10
N-Nitrosodiphenylamine	0.137	U	0.500	0.137	mg/L		04/08/15 14:17	04/10/15 11:21	10
Pentachlorophenol	0.231	U	2.50	0.231	mg/L		04/08/15 14:17	04/10/15 11:21	10
Phenanthrene	0.0395	U	0.500	0.0395	mg/L		04/08/15 14:17	04/10/15 11:21	10
Phenol	0.0496	U	0.500	0.0496	mg/L		04/08/15 14:17	04/10/15 11:21	10
Pyrene	0.120	U	0.500	0.120	mg/L		04/08/15 14:17	04/10/15 11:21	10
1,2,4-Trichlorobenzene	0.113	U	0.500	0.113	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4,5-Trichlorophenol	0.136	U	0.500	0.136	mg/L		04/08/15 14:17	04/10/15 11:21	10
2,4,6-Trichlorophenol	0.129	U	0.500	0.129	mg/L		04/08/15 14:17	04/10/15 11:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*41 - 130*	*04/08/15 14:17*	*04/10/15 11:21*	*10*
2-Fluorophenol	*43*		*10 - 130*	*04/08/15 14:17*	*04/10/15 11:21*	*10*
Nitrobenzene-d5	*77*		*35 - 130*	*04/08/15 14:17*	*04/10/15 11:21*	*10*
Phenol-d5 (Surr)	*21*		*10 - 130*	*04/08/15 14:17*	*04/10/15 11:21*	*10*
Terphenyl-d14	*86*		*43 - 130*	*04/08/15 14:17*	*04/10/15 11:21*	*10*
2,4,6-Tribromophenol	*85*		*12 - 138*	*04/08/15 14:17*	*04/10/15 11:21*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.720	U	1.00	0.720	mg/L		04/09/15 14:17	04/13/15 14:45	100
Barium	**0.677**		0.100	0.0500	mg/L		04/09/15 14:17	04/13/15 14:15	10
Cadmium	**1.74**		0.0100	0.00500	mg/L		04/09/15 14:17	04/13/15 14:15	10
Chromium	**4.99**		0.0500	0.0300	mg/L		04/09/15 14:17	04/13/15 14:15	10
Lead	**2.32**		0.0500	0.0200	mg/L		04/09/15 14:17	04/13/15 14:15	10
Selenium	0.500	U	1.00	0.500	mg/L		04/09/15 14:17	04/13/15 14:45	100
Silver	0.250	U	0.500	0.250	mg/L		04/09/15 14:17	04/13/15 14:45	100
Sulfur	**18600**		25.0	10.0	mg/L		04/09/15 14:17	04/13/15 14:45	100

Client Sample ID: Group 7

Lab Sample ID: 600-109297-15

Date Collected: 04/02/15 16:14

Matrix: Water

Date Received: 04/02/15 17:52

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.463	U	2.00	0.463	mg/L		04/08/15 14:17	04/10/15 11:52	10
Acenaphthylene	0.479	U	2.00	0.479	mg/L		04/08/15 14:17	04/10/15 11:52	10
Anthracene	0.507	U	2.00	0.507	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzidine	11.1	U	20.0	11.1	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzo[a]anthracene	0.498	U	2.00	0.498	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzo[a]pyrene	0.538	U	2.00	0.538	mg/L		04/08/15 14:17	04/10/15 11:52	10

Client Sample ID: Group 7
Date Collected: 04/02/15 16:14
Date Received: 04/02/15 17:52

Lab Sample ID: 600-109297-15
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.551	U	2.00	0.551	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzo[g,h,i]perylene	0.573	U	2.00	0.573	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzo[k]fluoranthene	0.586	U	2.00	0.586	mg/L		04/08/15 14:17	04/10/15 11:52	10
Benzyl alcohol	0.300	U	2.00	0.300	mg/L		04/08/15 14:17	04/10/15 11:52	10
Bis(2-chloroethoxy)methane	0.504	U	2.00	0.504	mg/L		04/08/15 14:17	04/10/15 11:52	10
Bis(2-chloroethyl)ether	0.461	U	2.00	0.461	mg/L		04/08/15 14:17	04/10/15 11:52	10
bis (2-Chloroisopropyl) ether	0.513	U	2.00	0.513	mg/L		04/08/15 14:17	04/10/15 11:52	10
Bis(2-ethylhexyl) phthalate	0.501	U	2.00	0.501	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Bromophenyl phenyl ether	0.548	U	2.00	0.548	mg/L		04/08/15 14:17	04/10/15 11:52	10
Butyl benzyl phthalate	0.514	U	2.00	0.514	mg/L		04/08/15 14:17	04/10/15 11:52	10
Carbazole	0.555	U	2.00	0.555	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Chloroaniline	0.560	U	2.00	0.560	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Chloro-3-methylphenol	0.503	U	2.00	0.503	mg/L		04/08/15 14:17	04/10/15 11:52	10
2-Chloronaphthalene	0.446	U	2.00	0.446	mg/L		04/08/15 14:17	04/10/15 11:52	10
2-Chlorophenol	0.449	U	2.00	0.449	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Chlorophenyl phenyl ether	0.502	U	2.00	0.502	mg/L		04/08/15 14:17	04/10/15 11:52	10
Chrysene	0.508	U	2.00	0.508	mg/L		04/08/15 14:17	04/10/15 11:52	10
Dibenz(a,h)anthracene	0.571	U	2.00	0.571	mg/L		04/08/15 14:17	04/10/15 11:52	10
Dibenzofuran	0.461	U	2.00	0.461	mg/L		04/08/15 14:17	04/10/15 11:52	10
1,2-Dichlorobenzene	0.372	U	2.00	0.372	mg/L		04/08/15 14:17	04/10/15 11:52	10
1,3-Dichlorobenzene	0.383	U	2.00	0.383	mg/L		04/08/15 14:17	04/10/15 11:52	10
1,4-Dichlorobenzene	0.356	U	2.00	0.356	mg/L		04/08/15 14:17	04/10/15 11:52	10
3,3'-Dichlorobenzidine	0.774	U	4.00	0.774	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4-Dichlorophenol	0.519	U	2.00	0.519	mg/L		04/08/15 14:17	04/10/15 11:52	10
Diethyl phthalate	0.516	U	2.00	0.516	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4-Dimethylphenol	0.464	U	2.00	0.464	mg/L		04/08/15 14:17	04/10/15 11:52	10
Dimethyl phthalate	0.508	U	2.00	0.508	mg/L		04/08/15 14:17	04/10/15 11:52	10
Di-n-butyl phthalate	0.510	U	2.00	0.510	mg/L		04/08/15 14:17	04/10/15 11:52	10
4,6-Dinitro-2-methylphenol	0.950	U	10.0	0.950	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4-Dinitrophenol	0.709	U	10.0	0.709	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4-Dinitrotoluene	0.526	U	2.00	0.526	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,6-Dinitrotoluene	0.501	U	2.00	0.501	mg/L		04/08/15 14:17	04/10/15 11:52	10
Di-n-octyl phthalate	0.501	U	2.00	0.501	mg/L		04/08/15 14:17	04/10/15 11:52	10
Fluoranthene	0.525	U	2.00	0.525	mg/L		04/08/15 14:17	04/10/15 11:52	10
Fluorene	0.458	U	2.00	0.458	mg/L		04/08/15 14:17	04/10/15 11:52	10
Hexachlorobenzene	0.518	U	2.00	0.518	mg/L		04/08/15 14:17	04/10/15 11:52	10
Hexachlorobutadiene	0.423	U	2.00	0.423	mg/L		04/08/15 14:17	04/10/15 11:52	10
Hexachlorocyclopentadiene	0.209	U	2.00	0.209	mg/L		04/08/15 14:17	04/10/15 11:52	10
Hexachloroethane	0.439	U	2.00	0.439	mg/L		04/08/15 14:17	04/10/15 11:52	10
Indeno[1,2,3-cd]pyrene	0.514	U	2.00	0.514	mg/L		04/08/15 14:17	04/10/15 11:52	10
Isophorone	0.530	U	2.00	0.530	mg/L		04/08/15 14:17	04/10/15 11:52	10
2-Methylnaphthalene	0.605	U	2.00	0.605	mg/L		04/08/15 14:17	04/10/15 11:52	10
2-Methylphenol	0.362	U	2.00	0.362	mg/L		04/08/15 14:17	04/10/15 11:52	10
3 & 4 Methylphenol	0.376	U	4.00	0.376	mg/L		04/08/15 14:17	04/10/15 11:52	10
Naphthalene	0.570	U	2.00	0.570	mg/L		04/08/15 14:17	04/10/15 11:52	10
2-Nitroaniline	0.490	U	10.0	0.490	mg/L		04/08/15 14:17	04/10/15 11:52	10
3-Nitroaniline	0.189	U	10.0	0.189	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Nitroaniline	0.459	U *	10.0	0.459	mg/L		04/08/15 14:17	04/10/15 11:52	10
Nitrobenzene	0.497	U	2.00	0.497	mg/L		04/08/15 14:17	04/10/15 11:52	10

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: Group 7

Lab Sample ID: 600-109297-15

Date Collected: 04/02/15 16:14
Matrix: Water
Date Received: 04/02/15 17:52

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	0.529	U	2.00	0.529	mg/L		04/08/15 14:17	04/10/15 11:52	10
4-Nitrophenol	0.302	U	10.0	0.302	mg/L		04/08/15 14:17	04/10/15 11:52	10
N-Nitrosodimethylamine	0.386	U	2.00	0.386	mg/L		04/08/15 14:17	04/10/15 11:52	10
N-Nitrosodi-n-propylamine	0.576	U	2.00	0.576	mg/L		04/08/15 14:17	04/10/15 11:52	10
N-Nitrosodiphenylamine	0.546	U	2.00	0.546	mg/L		04/08/15 14:17	04/10/15 11:52	10
Pentachlorophenol	0.924	U	10.0	0.924	mg/L		04/08/15 14:17	04/10/15 11:52	10
Phenanthrene	0.158	U	2.00	0.158	mg/L		04/08/15 14:17	04/10/15 11:52	10
Phenol	0.198	U	2.00	0.198	mg/L		04/08/15 14:17	04/10/15 11:52	10
Pyrene	0.480	U	2.00	0.480	mg/L		04/08/15 14:17	04/10/15 11:52	10
1,2,4-Trichlorobenzene	0.452	U	2.00	0.452	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4,5-Trichlorophenol	0.543	U	2.00	0.543	mg/L		04/08/15 14:17	04/10/15 11:52	10
2,4,6-Trichlorophenol	0.518	U	2.00	0.518	mg/L		04/08/15 14:17	04/10/15 11:52	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*52*		*41 - 130*	*04/08/15 14:17*	*04/10/15 11:52*	*10*
2-Fluorophenol	*33*		*10 - 130*	*04/08/15 14:17*	*04/10/15 11:52*	*10*
Nitrobenzene-d5	*62*		*35 - 130*	*04/08/15 14:17*	*04/10/15 11:52*	*10*
Phenol-d5 (Surr)	*21*		*10 - 130*	*04/08/15 14:17*	*04/10/15 11:52*	*10*
Terphenyl-d14	*40*	*X*	*43 - 130*	*04/08/15 14:17*	*04/10/15 11:52*	*10*
2,4,6-Tribromophenol	*55*		*12 - 138*	*04/08/15 14:17*	*04/10/15 11:52*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0720	U	0.100	0.0720	mg/L		04/09/15 14:17	04/13/15 14:20	10
Barium	0.0500	U	0.100	0.0500	mg/L		04/09/15 14:17	04/13/15 14:20	10
Cadmium	0.00500	U	0.0100	0.00500	mg/L		04/09/15 14:17	04/13/15 14:20	10
Chromium	**3.98**		0.0500	0.0300	mg/L		04/09/15 14:17	04/13/15 14:20	10
Lead	**0.0440**	**J**	0.0500	0.0200	mg/L		04/09/15 14:17	04/13/15 14:20	10
Selenium	0.0500	U	0.100	0.0500	mg/L		04/09/15 14:17	04/13/15 14:20	10
Silver	0.0250	U	0.0500	0.0250	mg/L		04/09/15 14:17	04/13/15 14:20	10
Sulfur	**67900**		125	50.0	mg/L		04/09/15 14:17	04/13/15 15:22	500

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	12DCE
Lab Sample ID	Client Sample ID	(50-130)	(68-140)	(57-140)	(61-130)
600-109297-4	B 25206-25274	96	93	126	89
600-109297-6	FT 1001	94	89	94	83
600-109297-7	Group 6	98	87	94	83
600-109297-8	Group 7	98	90	95	88
LCS 600-159628/1-A	Lab Control Sample	113	101	108	98
LCSD 600-159628/2-A	Lab Control Sample Dup	113	104	109	91
MB 600-159628/3-A	Method Blank	115	97	106	91

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane
BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(75-120)	(80-120)	(62-123)	(80-120)
LCS 180-137977/18	Lab Control Sample	95	104	91	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Waste **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(75-120)	(80-120)	(62-123)	(80-120)
600-109297-1	4046-PT1	92	113	104	87
600-109297-2	4047-PT2	85	103	82	88
600-109297-3	4048--PT3	85	104	92	86
600-109297-4	B 25206-25274	93	112	97	88
600-109297-6	FT 1001	93	110	93	86
600-109297-7	Group 6	94	111	93	86
600-109297-8	Group 7	92	111	86	84
LB 180-137908/6-A	Method Blank	96	111	88	89

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(46-130)	(45-130)	(42-130)	(25-130)	(51-130)	(48-130)
600-109297-3	4048--PT3	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-4	B 25206-25274	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-4 - DL	B 25206-25274	0 X	0 X	0 X	0 X	0 X	0 X
LCS 600-159673/2-A	Lab Control Sample	84	88	84	91	89	86
LCS 600-160086/2-A	Lab Control Sample	68	81	73	82	77	82
MB 600-159673/1-A	Method Blank	92	91	88	77	90	94
MB 600-160086/1-A	Method Blank	79	83	75	76	78	84

Surrogate Legend

NBZ = Nitrobenzene-d5
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPH = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)	(10-130)
LCS 600-159749/2-A	Lab Control Sample	77	76	77	78	80	78
LCS 600-159777/2-A	Lab Control Sample	66	38	70	72	68	19
MB 600-159749/1-A	Method Blank	74	78	76	68	82	83
MB 600-159777/1-A	Method Blank	73	48	79	76	88	27

Surrogate Legend

NBZ = Nitrobenzene-d5
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPH = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Waste **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)	(10-130)
600-109297-1	4046-PT1	71	65	63	59	74	52
600-109297-1 MS	4046-PT1	74	64	69	88	74	62
600-109297-4 - DL	B 25206-25274	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-4	B 25206-25274	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-4 MS	B 25206-25274	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-6	FT 1001	70	36	78	93	79	22
600-109297-7	Group 6	76	69	80	103	91	7 X
600-109297-8	Group 7	76	69	66	73	72	58
LB 600-159616/1-D	Method Blank	83	67	81	72	88	56

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Waste **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)	(10-130)
LB 600-159689/1-C	Method Blank	69	45	75	73	86	25

Surrogate Legend

NBZ = Nitrobenzene-d5
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPH = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(41-130)	(10-130)	(35-130)	(10-130)	(43-130)	(12-138)
600-109297-13	FT 1001	0 X	0 X	0 X	0 X	0 X	0 X
600-109297-14	Group 6	84	43	77	21	86	85
600-109297-15	Group 7	52	33	62	21	40 X	55

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTPH
Lab Sample ID	Client Sample ID	(70-130)
600-109297-4 - DL	B 25206-25274	0 X
600-109297-6 - DL	FT 1001	94
600-109297-7	Group 6	101
600-109297-8 - DL	Group 7	91
LCS 600-159584/2-A	Lab Control Sample	80
LCS 600-159723/2-A	Lab Control Sample	91
LCSD 600-159584/3-A	Lab Control Sample Dup	83
LCSD 600-159723/3-A	Lab Control Sample Dup	88
MB 600-159584/1-A	Method Blank	80
MB 600-159723/1-A	Method Blank	92

Surrogate Legend

OTPH = o-Terphenyl

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 180-137977/18
Matrix: Waste
Analysis Batch: 137977

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.400	0.3639		mg/L		91	80 - 120
2-Butanone (MEK)	0.400	0.3875		mg/L		97	31 - 139
Carbon tetrachloride	0.400	0.4161		mg/L		104	63 - 139
Chlorobenzene	0.400	0.3556		mg/L		89	83 - 120
Chloroform	0.400	0.4247		mg/L		106	77 - 119
1,2-Dichloroethane	0.400	0.3843		mg/L		96	63 - 140
1,1-Dichloroethene	0.400	0.3965		mg/L		99	69 - 127
Tetrachloroethene	0.400	0.3664		mg/L		92	78 - 126
Trichloroethene	0.400	0.4165		mg/L		104	80 - 120
Vinyl chloride	0.400	0.4198		mg/L		105	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 123*
Toluene-d8 (Surr)	*87*		*80 - 120*

Lab Sample ID: MB 600-159628/3-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.208	U	1.25	0.208	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Benzene	0.0788	U	0.625	0.0788	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Chlorobromomethane	0.223	U	0.625	0.223	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Bromoform	0.171	U	0.625	0.171	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Bromomethane	0.104	U	1.25	0.104	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
2-Butanone (MEK)	0.238	U	1.25	0.238	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Carbon disulfide	0.0688	U	1.25	0.0688	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Carbon tetrachloride	0.141	U	0.625	0.141	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Dibromochloromethane	0.118	U	0.625	0.118	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Chlorobenzene	0.120	U	0.625	0.120	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Chloroethane	0.175	U	1.25	0.175	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Chloroform	0.0825	U	0.625	0.0825	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Chloromethane	0.208	U	1.25	0.208	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,1-Dichloroethane	0.109	U	0.625	0.109	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,2-Dichloroethane	0.113	U	0.625	0.113	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,1-Dichloroethene	0.153	U	0.625	0.153	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
cis-1,2-Dichloroethene	0.104	U	0.625	0.104	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
trans-1,2-Dichloroethene	0.143	U	0.625	0.143	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,2-Dichloropropane	0.0888	U	0.625	0.0888	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
cis-1,3-Dichloropropene	0.0675	U	0.625	0.0675	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
trans-1,3-Dichloropropene	0.0725	U	0.625	0.0725	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Ethylbenzene	0.128	U	0.625	0.128	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
2-Hexanone	0.126	U	1.25	0.126	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Methylene Chloride	0.3255	J	1.25	0.274	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
4-Methyl-2-pentanone (MIBK)	0.184	U	1.25	0.184	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Styrene	0.0888	U	0.625	0.0888	mg/Kg		04/07/15 10:00	04/07/15 14:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-159628/3-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.109	U	0.625	0.109	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Tetrachloroethene	0.0888	U	0.625	0.0888	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Toluene	0.173	U	0.625	0.173	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,1,1-Trichloroethane	0.0925	U	0.625	0.0925	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,1,2-Trichloroethane	0.0913	U	5.00	0.0913	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Trichloroethene	0.175	U	0.625	0.175	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Vinyl acetate	0.116	U	1.25	0.116	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Vinyl chloride	0.113	U	1.25	0.113	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
o-Xylene	0.141	U	0.625	0.141	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
m-Xylene & p-Xylene	0.190	U	0.625	0.190	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Xylenes, Total	0.141	U	0.625	0.141	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
Bromodichloromethane	0.0825	U	0.625	0.0825	mg/Kg		04/07/15 10:00	04/07/15 14:43	1
1,2-Dichloroethene, Total	0.238	U	1.25	0.238	mg/Kg		04/07/15 10:00	04/07/15 14:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*115*		*50 - 130*	*04/07/15 10:00*	*04/07/15 14:43*	*1*
Dibromofluoromethane	*97*		*68 - 140*	*04/07/15 10:00*	*04/07/15 14:43*	*1*
4-Bromofluorobenzene	*106*		*57 - 140*	*04/07/15 10:00*	*04/07/15 14:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*61 - 130*	*04/07/15 10:00*	*04/07/15 14:43*	*1*

Lab Sample ID: LCS 600-159628/1-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	12.5	10.93		mg/Kg		87	13 - 150
Benzene	6.25	5.925		mg/Kg		95	70 - 131
Chlorobromomethane	6.25	5.470		mg/Kg		88	70 - 132
Bromoform	6.25	5.278		mg/Kg		84	43 - 150
Bromomethane	6.25	6.906		mg/Kg		111	37 - 147
2-Butanone (MEK)	12.5	13.30		mg/Kg		106	33 - 150
Carbon disulfide	6.25	6.362		mg/Kg		102	51 - 141
Carbon tetrachloride	6.25	4.954		mg/Kg		79	58 - 130
Dibromochloromethane	6.25	5.430		mg/Kg		87	65 - 134
Chlorobenzene	6.25	6.028		mg/Kg		96	63 - 131
Chloroethane	6.25	6.886		mg/Kg		110	40 - 150
Chloroform	6.25	5.654		mg/Kg		90	69 - 130
Chloromethane	6.25	6.556		mg/Kg		105	44 - 141
1,1-Dichloroethane	6.25	5.719		mg/Kg		91	63 - 140
1,2-Dichloroethane	6.25	5.297		mg/Kg		85	58 - 137
1,1-Dichloroethene	6.25	6.448		mg/Kg		103	62 - 142
cis-1,2-Dichloroethene	6.25	5.901		mg/Kg		94	70 - 130
trans-1,2-Dichloroethene	6.25	5.937		mg/Kg		95	69 - 130
1,2-Dichloropropane	6.25	5.838		mg/Kg		93	70 - 130
cis-1,3-Dichloropropene	6.25	6.080		mg/Kg		97	65 - 130
trans-1,3-Dichloropropene	6.25	5.887		mg/Kg		94	70 - 130
Ethylbenzene	6.25	6.102		mg/Kg		98	66 - 130
2-Hexanone	12.5	12.21		mg/Kg		98	35 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-159628/1-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	6.25	6.063		mg/Kg		97	61 - 150
4-Methyl-2-pentanone (MIBK)	12.5	11.72		mg/Kg		94	21 - 150
Styrene	6.25	6.119		mg/Kg		98	65 - 133
1,1,2,2-Tetrachloroethane	6.25	6.418		mg/Kg		103	61 - 138
Tetrachloroethene	6.25	5.844		mg/Kg		94	43 - 143
Toluene	6.25	6.033		mg/Kg		97	67 - 130
1,1,1-Trichloroethane	6.25	5.202		mg/Kg		83	59 - 130
1,1,2-Trichloroethane	6.25	6.178		mg/Kg		99	67 - 134
Trichloroethene	6.25	5.633		mg/Kg		90	63 - 135
Vinyl acetate	12.5	12.48		mg/Kg		100	40 - 150
Vinyl chloride	6.25	6.684		mg/Kg		107	40 - 148
o-Xylene	6.25	5.953		mg/Kg		95	62 - 130
m-Xylene & p-Xylene	6.25	5.871		mg/Kg		94	64 - 130
Xylenes, Total	12.5	11.82		mg/Kg		95	63 - 130
Bromodichloromethane	6.25	5.462		mg/Kg		87	67 - 138
1,2-Dichloroethene, Total	12.5	11.84		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*113*		*50 - 130*
Dibromofluoromethane	*101*		*68 - 140*
4-Bromofluorobenzene	*108*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*98*		*61 - 130*

Lab Sample ID: LCSD 600-159628/2-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 159628

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	12.5	11.05		mg/Kg		88	13 - 150	1	30
Benzene	6.25	6.036		mg/Kg		97	70 - 131	2	30
Chlorobromomethane	6.25	5.755		mg/Kg		92	70 - 132	5	30
Bromoform	6.25	5.185		mg/Kg		83	43 - 150	2	30
Bromomethane	6.25	7.574		mg/Kg		121	37 - 147	9	30
2-Butanone (MEK)	12.5	11.75		mg/Kg		94	33 - 150	12	30
Carbon disulfide	6.25	6.455		mg/Kg		103	51 - 141	1	30
Carbon tetrachloride	6.25	5.409		mg/Kg		87	58 - 130	9	30
Dibromochloromethane	6.25	5.608		mg/Kg		90	65 - 134	3	30
Chlorobenzene	6.25	5.853		mg/Kg		94	63 - 131	3	30
Chloroethane	6.25	7.371		mg/Kg		118	40 - 150	7	30
Chloroform	6.25	5.860		mg/Kg		94	69 - 130	4	30
Chloromethane	6.25	6.869		mg/Kg		110	44 - 141	5	30
1,1-Dichloroethane	6.25	6.200		mg/Kg		99	63 - 140	8	30
1,2-Dichloroethane	6.25	5.508		mg/Kg		88	58 - 137	4	30
1,1-Dichloroethene	6.25	6.690		mg/Kg		107	62 - 142	4	30
cis-1,2-Dichloroethene	6.25	5.934		mg/Kg		95	70 - 130	1	30
trans-1,2-Dichloroethene	6.25	6.005		mg/Kg		96	69 - 130	1	30
1,2-Dichloropropane	6.25	6.049		mg/Kg		97	70 - 130	4	30
cis-1,3-Dichloropropene	6.25	6.021		mg/Kg		96	65 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 600-159628/2-A
Matrix: Waste
Analysis Batch: 159629

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 159628

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	6.25	5.859		mg/Kg		94	70 - 130	0	30
Ethylbenzene	6.25	6.040		mg/Kg		97	66 - 130	1	30
2-Hexanone	12.5	11.64		mg/Kg		93	35 - 150	5	30
Methylene Chloride	6.25	6.484		mg/Kg		104	61 - 150	7	30
4-Methyl-2-pentanone (MIBK)	12.5	11.15		mg/Kg		89	21 - 150	5	30
Styrene	6.25	5.889		mg/Kg		94	65 - 133	4	30
1,1,2,2-Tetrachloroethane	6.25	6.342		mg/Kg		101	61 - 138	1	30
Tetrachloroethene	6.25	5.651		mg/Kg		90	43 - 143	3	30
Toluene	6.25	5.920		mg/Kg		95	67 - 130	2	30
1,1,1-Trichloroethane	6.25	5.358		mg/Kg		86	59 - 130	3	30
1,1,2-Trichloroethane	6.25	6.062		mg/Kg		97	67 - 134	2	30
Trichloroethene	6.25	5.814		mg/Kg		93	63 - 135	3	30
Vinyl acetate	12.5	12.71		mg/Kg		102	40 - 150	2	30
Vinyl chloride	6.25	7.175		mg/Kg		115	40 - 148	7	30
o-Xylene	6.25	5.845		mg/Kg		94	62 - 130	2	30
m-Xylene & p-Xylene	6.25	5.845		mg/Kg		94	64 - 130	0	30
Xylenes, Total	12.5	11.69		mg/Kg		94	63 - 130	1	30
Bromodichloromethane	6.25	5.715		mg/Kg		91	67 - 138	5	30
1,2-Dichloroethene, Total	12.5	11.94		mg/Kg		96	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*113*		*50 - 130*
Dibromofluoromethane	*104*		*68 - 140*
4-Bromofluorobenzene	*109*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*91*		*61 - 130*

Lab Sample ID: LB 180-137908/6-A
Matrix: Waste
Analysis Batch: 137977

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00989	U	0.0500	0.00989	mg/L			04/09/15 08:47	1
2-Butanone (MEK)	0.0108	U	0.0500	0.0108	mg/L			04/09/15 08:47	1
Carbon tetrachloride	0.0108	U	0.0500	0.0108	mg/L			04/09/15 08:47	1
Chlorobenzene	0.00526	U	0.0500	0.00526	mg/L			04/09/15 08:47	1
Chloroform	0.0101	U	0.0500	0.0101	mg/L			04/09/15 08:47	1
1,2-Dichloroethane	0.00959	U	0.0500	0.00959	mg/L			04/09/15 08:47	1
1,1-Dichloroethene	0.0107	U	0.0500	0.0107	mg/L			04/09/15 08:47	1
Tetrachloroethene	0.00825	U	0.0500	0.00825	mg/L			04/09/15 08:47	1
Trichloroethene	0.00801	U	0.0500	0.00801	mg/L			04/09/15 08:47	1
Vinyl chloride	0.0129	U	0.0500	0.0129	mg/L			04/09/15 08:47	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*04/09/15 08:47*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*04/09/15 08:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*62 - 123*		*04/09/15 08:47*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*04/09/15 08:47*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 600-159673/1-A
Matrix: Waste
Analysis Batch: 159717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.67	U	9.90	5.67	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Acenaphthylene	5.78	U	9.90	5.78	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Anthracene	6.22	U	9.90	6.22	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzidine	24.8	U	99.0	24.8	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzo[a]anthracene	6.22	U	9.90	6.22	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzo[b]fluoranthene	0.580	U	9.90	0.580	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzo[g,h,i]perylene	5.26	U	9.90	5.26	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzo[a]pyrene	5.55	U	9.90	5.55	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzo[k]fluoranthene	0.882	U	9.90	0.882	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Bis(2-chloroethoxy)methane	5.59	U	9.90	5.59	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Bis(2-chloroethyl)ether	0.989	U	9.90	0.989	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Bis(2-ethylhexyl) phthalate	6.00	U	9.90	6.00	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4-Bromophenyl phenyl ether	6.00	U	9.90	6.00	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Butyl benzyl phthalate	6.02	U	9.90	6.02	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4-Chloroaniline	1.98	U	9.90	1.98	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Carbazole	6.11	U	9.90	6.11	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Chloronaphthalene	6.44	U	9.90	6.44	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4-Chlorophenyl phenyl ether	5.95	U	9.90	5.95	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Chrysene	6.05	U	9.90	6.05	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Dibenz(a,h)anthracene	5.69	U	9.90	5.69	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Dibenzofuran	5.90	U	9.90	5.90	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
1,2-Dichlorobenzene	0.789	U	9.90	0.789	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
1,3-Dichlorobenzene	5.34	U	9.90	5.34	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
1,4-Dichlorobenzene	0.692	U	9.90	0.692	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
3,3'-Dichlorobenzidine	1.91	U	19.8	1.91	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Diethyl phthalate	6.12	U	9.90	6.12	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Dimethyl phthalate	5.99	U	9.90	5.99	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Di-n-butyl phthalate	6.39	U	9.90	6.39	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4-Dinitrotoluene	0.987	U	9.90	0.987	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,6-Dinitrotoluene	6.29	U	9.90	6.29	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Di-n-octyl phthalate	6.41	U	9.90	6.41	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Fluoranthene	6.32	U	9.90	6.32	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Fluorene	6.10	U	9.90	6.10	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Hexachlorobenzene	6.24	U	9.90	6.24	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Hexachlorobutadiene	1.02	U	9.90	1.02	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Hexachlorocyclopentadiene	0.668	U	9.90	0.668	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Hexachloroethane	0.897	U	9.90	0.897	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Indeno[1,2,3-cd]pyrene	5.43	U	9.90	5.43	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Isophorone	5.82	U	9.90	5.82	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Methylnaphthalene	5.67	U	9.90	5.67	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Benzyl alcohol	1.87	U	9.90	1.87	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4-Chloro-3-methylphenol	5.76	U	9.90	5.76	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Naphthalene	0.579	U	9.90	0.579	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Chlorophenol	0.699	U	9.90	0.699	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Nitroaniline	5.84	U	48.0	5.84	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Methylphenol	1.14	U	9.90	1.14	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
3-Nitroaniline	6.35	U	48.0	6.35	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
3 & 4 Methylphenol	0.902	U	19.8	0.902	mg/Kg		04/07/15 14:47	04/08/15 08:34	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-159673/1-A
Matrix: Waste
Analysis Batch: 159717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	5.41	U	48.0	5.41	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4-Dichlorophenol	5.48	U	9.90	5.48	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Nitrobenzene	1.42	U	9.90	1.42	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4-Dimethylphenol	1.91	U	9.90	1.91	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4,6-Dinitro-2-methylphenol	6.20	U	48.0	6.20	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4-Dinitrophenol	3.84	U	48.0	3.84	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2-Nitrophenol	5.40	U	9.90	5.40	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
N-Nitrosodimethylamine	2.86	U	9.90	2.86	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
4-Nitrophenol	5.40	U	48.0	5.40	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
N-Nitrosodi-n-propylamine	0.858	U	9.90	0.858	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
N-Nitrosodiphenylamine	0.946	U	9.90	0.946	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Pentachlorophenol	0.664	U	48.0	0.664	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Phenanthrene	6.09	U	9.90	6.09	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Phenol	1.12	U	9.90	1.12	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
Pyrene	6.63	U	9.90	6.63	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
1,2,4-Trichlorobenzene	6.32	U	9.90	6.32	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4,5-Trichlorophenol	1.86	U	9.90	1.86	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
2,4,6-Trichlorophenol	5.40	U	9.90	5.40	mg/Kg		04/07/15 14:47	04/08/15 08:34	1
bis (2-Chloroisopropyl) ether	1.04	U	9.90	1.04	mg/Kg		04/07/15 14:47	04/08/15 08:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*92*		*46 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*
2-Fluorophenol	*91*		*45 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*
2-Fluorobiphenyl	*88*		*42 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*
2,4,6-Tribromophenol	*77*		*25 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*
Terphenyl-d14	*90*		*51 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*
Phenol-d5 (Surr)	*94*		*48 - 130*	*04/07/15 14:47*	*04/08/15 08:34*	*1*

Lab Sample ID: LCS 600-159673/2-A
Matrix: Waste
Analysis Batch: 159717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	42.95		mg/Kg		86	60 - 130
Acenaphthylene	50.0	43.14		mg/Kg		86	61 - 130
Anthracene	50.0	44.15		mg/Kg		88	69 - 130
Benzidine	100	53.40	J	mg/Kg		53	10 - 150
Benzo[a]anthracene	50.0	43.81		mg/Kg		88	70 - 130
Benzo[b]fluoranthene	50.0	45.05		mg/Kg		90	61 - 130
Benzo[g,h,i]perylene	50.0	42.95		mg/Kg		86	56 - 130
Benzo[a]pyrene	50.0	44.45		mg/Kg		89	70 - 130
Benzo[k]fluoranthene	50.0	46.88		mg/Kg		94	70 - 130
Bis(2-chloroethoxy)methane	50.0	42.88		mg/Kg		86	58 - 130
Bis(2-chloroethyl)ether	50.0	62.52		mg/Kg		125	53 - 130
Bis(2-ethylhexyl) phthalate	50.0	44.42		mg/Kg		89	57 - 130
4-Bromophenyl phenyl ether	50.0	43.40		mg/Kg		87	66 - 130
Butyl benzyl phthalate	50.0	43.61		mg/Kg		87	57 - 130
4-Chloroaniline	50.0	43.33		mg/Kg		87	63 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-159673/2-A
Matrix: Waste
Analysis Batch: 159717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbazole	50.0	44.56		mg/Kg		89	61 - 130
2-Chloronaphthalene	50.0	42.44		mg/Kg		85	60 - 130
4-Chlorophenyl phenyl ether	50.0	43.42		mg/Kg		87	67 - 130
Chrysene	50.0	43.37		mg/Kg		87	67 - 130
Dibenz(a,h)anthracene	50.0	42.22		mg/Kg		84	60 - 130
Dibenzofuran	50.0	42.82		mg/Kg		86	66 - 130
1,2-Dichlorobenzene	50.0	39.07		mg/Kg		78	59 - 130
1,3-Dichlorobenzene	50.0	37.12		mg/Kg		74	58 - 130
1,4-Dichlorobenzene	50.0	37.48		mg/Kg		75	59 - 130
3,3'-Dichlorobenzidine	50.0	41.76		mg/Kg		84	64 - 130
Diethyl phthalate	50.0	44.17		mg/Kg		88	62 - 130
Dimethyl phthalate	50.0	44.44		mg/Kg		89	66 - 130
Di-n-butyl phthalate	50.0	44.49		mg/Kg		89	61 - 130
2,4-Dinitrotoluene	50.0	45.36		mg/Kg		91	66 - 130
2,6-Dinitrotoluene	50.0	44.83		mg/Kg		90	65 - 130
Di-n-octyl phthalate	50.0	43.90		mg/Kg		88	58 - 130
Fluoranthene	50.0	44.30		mg/Kg		89	68 - 130
Fluorene	50.0	43.14		mg/Kg		86	67 - 130
Hexachlorobenzene	50.0	44.18		mg/Kg		88	64 - 130
Hexachlorobutadiene	50.0	39.46		mg/Kg		79	52 - 130
Hexachlorocyclopentadiene	50.0	41.84		mg/Kg		84	10 - 130
Hexachloroethane	50.0	37.64		mg/Kg		75	49 - 130
Indeno[1,2,3-cd]pyrene	50.0	38.58		mg/Kg		77	49 - 130
Isophorone	50.0	42.81		mg/Kg		86	57 - 130
2-Methylnaphthalene	50.0	42.01		mg/Kg		84	66 - 130
Benzyl alcohol	50.0	44.97		mg/Kg		90	58 - 130
4-Chloro-3-methylphenol	50.0	44.34		mg/Kg		89	62 - 130
Naphthalene	50.0	41.32		mg/Kg		83	63 - 130
2-Chlorophenol	50.0	44.02		mg/Kg		88	60 - 130
2-Nitroaniline	50.0	45.16	J	mg/Kg		90	56 - 132
2-Methylphenol	50.0	43.55		mg/Kg		87	64 - 130
3-Nitroaniline	50.0	49.26		mg/Kg		99	65 - 130
3 & 4 Methylphenol	50.0	45.90		mg/Kg		92	65 - 130
4-Nitroaniline	50.0	59.10		mg/Kg		118	59 - 133
2,4-Dichlorophenol	50.0	45.21		mg/Kg		90	66 - 130
Nitrobenzene	50.0	40.13		mg/Kg		80	41 - 140
2,4-Dimethylphenol	50.0	46.34		mg/Kg		93	56 - 130
4,6-Dinitro-2-methylphenol	100	92.51		mg/Kg		93	29 - 132
2,4-Dinitrophenol	100	94.15		mg/Kg		94	10 - 147
2-Nitrophenol	50.0	42.89		mg/Kg		86	63 - 130
N-Nitrosodimethylamine	50.0	38.46		mg/Kg		77	53 - 139
4-Nitrophenol	100	86.82		mg/Kg		87	23 - 137
N-Nitrosodi-n-propylamine	50.0	44.61		mg/Kg		89	54 - 142
N-Nitrosodiphenylamine	100	87.02		mg/Kg		87	70 - 130
Pentachlorophenol	100	95.76		mg/Kg		96	27 - 130
Phenanthrene	50.0	43.55		mg/Kg		87	68 - 130
Phenol	50.0	43.08		mg/Kg		86	61 - 130
Pyrene	50.0	42.92		mg/Kg		86	64 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-159673/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159717 — **Prep Batch: 159673**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	40.22		mg/Kg		80	59 - 130
2,4,5-Trichlorophenol	50.0	42.71		mg/Kg		85	58 - 130
2,4,6-Trichlorophenol	50.0	44.22		mg/Kg		88	60 - 130
bis (2-Chloroisopropyl) ether	50.0	40.30		mg/Kg		81	41 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*84*		*46 - 130*
2-Fluorophenol	*88*		*45 - 130*
2-Fluorobiphenyl	*84*		*42 - 130*
2,4,6-Tribromophenol	*91*		*25 - 130*
Terphenyl-d14	*89*		*51 - 130*
Phenol-d5 (Surr)	*86*		*48 - 130*

Lab Sample ID: MB 600-159749/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159815 — **Prep Batch: 159749**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.00216	U	0.0100	0.00216	mg/L		04/08/15 10:50	04/09/15 08:02	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		04/08/15 10:50	04/09/15 08:02	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		04/08/15 10:50	04/09/15 08:02	1
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		04/08/15 10:50	04/09/15 08:02	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		04/08/15 10:50	04/09/15 08:02	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		04/08/15 10:50	04/09/15 08:02	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		04/08/15 10:50	04/09/15 08:02	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		04/08/15 10:50	04/09/15 08:02	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		04/08/15 10:50	04/09/15 08:02	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		04/08/15 10:50	04/09/15 08:02	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		04/08/15 10:50	04/09/15 08:02	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		04/08/15 10:50	04/09/15 08:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*74*		*35 - 130*	*04/08/15 10:50*	*04/09/15 08:02*	*1*
2-Fluorophenol	*78*		*10 - 130*	*04/08/15 10:50*	*04/09/15 08:02*	*1*
2-Fluorobiphenyl	*76*		*41 - 130*	*04/08/15 10:50*	*04/09/15 08:02*	*1*
2,4,6-Tribromophenol	*68*		*12 - 138*	*04/08/15 10:50*	*04/09/15 08:02*	*1*
Terphenyl-d14	*82*		*43 - 130*	*04/08/15 10:50*	*04/09/15 08:02*	*1*
Phenol-d5 (Surr)	*83*		*10 - 130*	*04/08/15 10:50*	*04/09/15 08:02*	*1*

Lab Sample ID: LCS 600-159749/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159815 — **Prep Batch: 159749**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0500	0.03382		mg/L		68	10 - 130
1,4-Dichlorobenzene	0.0500	0.03949		mg/L		79	57 - 130
2,4-Dinitrotoluene	0.0500	0.04052		mg/L		81	60 - 130
Hexachlorobenzene	0.0500	0.03977		mg/L		80	61 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-159749/2-A
Matrix: Waste
Analysis Batch: 159815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	0.0500	0.03839		mg/L		77	52 - 130
Hexachloroethane	0.0500	0.03975		mg/L		79	52 - 130
2-Methylphenol	0.0500	0.04052		mg/L		81	39 - 130
3 & 4 Methylphenol	0.0500	0.04097		mg/L		82	29 - 130
Nitrobenzene	0.0500	0.03857		mg/L		77	55 - 130
Pentachlorophenol	0.100	0.07404		mg/L		74	29 - 141
2,4,5-Trichlorophenol	0.0500	0.03878		mg/L		78	51 - 130
2,4,6-Trichlorophenol	0.0500	0.03910		mg/L		78	49 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*77*		*35 - 130*
2-Fluorophenol	*76*		*10 - 130*
2-Fluorobiphenyl	*77*		*41 - 130*
2,4,6-Tribromophenol	*78*		*12 - 138*
Terphenyl-d14	*80*		*43 - 130*
Phenol-d5 (Surr)	*78*		*10 - 130*

Lab Sample ID: MB 600-159777/1-A
Matrix: Waste
Analysis Batch: 159916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.00232	U	0.0100	0.00232	mg/L		04/08/15 14:17	04/10/15 07:42	1
Acenaphthylene	0.00240	U	0.0100	0.00240	mg/L		04/08/15 14:17	04/10/15 07:42	1
Anthracene	0.00253	U	0.0100	0.00253	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzidine	0.0554	U	0.100	0.0554	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzo[a]anthracene	0.00249	U	0.0100	0.00249	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzo[b]fluoranthene	0.00276	U	0.0100	0.00276	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzo[g,h,i]perylene	0.00286	U	0.0100	0.00286	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzo[a]pyrene	0.00269	U	0.0100	0.00269	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzo[k]fluoranthene	0.00293	U	0.0100	0.00293	mg/L		04/08/15 14:17	04/10/15 07:42	1
Bis(2-chloroethoxy)methane	0.00252	U	0.0100	0.00252	mg/L		04/08/15 14:17	04/10/15 07:42	1
Bis(2-chloroethyl)ether	0.00231	U	0.0100	0.00231	mg/L		04/08/15 14:17	04/10/15 07:42	1
Pyridine	0.00216	U	0.0100	0.00216	mg/L		04/08/15 14:17	04/10/15 07:42	1
Bis(2-ethylhexyl) phthalate	0.00251	U	0.0100	0.00251	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Bromophenyl phenyl ether	0.00274	U	0.0100	0.00274	mg/L		04/08/15 14:17	04/10/15 07:42	1
Butyl benzyl phthalate	0.00257	U	0.0100	0.00257	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Chloroaniline	0.00280	U	0.0100	0.00280	mg/L		04/08/15 14:17	04/10/15 07:42	1
Carbazole	0.00277	U	0.0100	0.00277	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Chloronaphthalene	0.00223	U	0.0100	0.00223	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Chlorophenyl phenyl ether	0.00251	U	0.0100	0.00251	mg/L		04/08/15 14:17	04/10/15 07:42	1
Chrysene	0.00254	U	0.0100	0.00254	mg/L		04/08/15 14:17	04/10/15 07:42	1
Dibenz(a,h)anthracene	0.00285	U	0.0100	0.00285	mg/L		04/08/15 14:17	04/10/15 07:42	1
Dibenzofuran	0.00231	U	0.0100	0.00231	mg/L		04/08/15 14:17	04/10/15 07:42	1
1,2-Dichlorobenzene	0.00186	U	0.0100	0.00186	mg/L		04/08/15 14:17	04/10/15 07:42	1
1,3-Dichlorobenzene	0.00192	U	0.0100	0.00192	mg/L		04/08/15 14:17	04/10/15 07:42	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		04/08/15 14:17	04/10/15 07:42	1
3,3'-Dichlorobenzidine	0.00387	U	0.0200	0.00387	mg/L		04/08/15 14:17	04/10/15 07:42	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-159777/1-A
Matrix: Waste
Analysis Batch: 159916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.00258	U	0.0100	0.00258	mg/L		04/08/15 14:17	04/10/15 07:42	1
Dimethyl phthalate	0.00254	U	0.0100	0.00254	mg/L		04/08/15 14:17	04/10/15 07:42	1
Di-n-butyl phthalate	0.00255	U	0.0100	0.00255	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,6-Dinitrotoluene	0.00250	U	0.0100	0.00250	mg/L		04/08/15 14:17	04/10/15 07:42	1
Di-n-octyl phthalate	0.00250	U	0.0100	0.00250	mg/L		04/08/15 14:17	04/10/15 07:42	1
Fluoranthene	0.00262	U	0.0100	0.00262	mg/L		04/08/15 14:17	04/10/15 07:42	1
Fluorene	0.00229	U	0.0100	0.00229	mg/L		04/08/15 14:17	04/10/15 07:42	1
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		04/08/15 14:17	04/10/15 07:42	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		04/08/15 14:17	04/10/15 07:42	1
Hexachlorocyclopentadiene	0.00104	U	0.0100	0.00104	mg/L		04/08/15 14:17	04/10/15 07:42	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		04/08/15 14:17	04/10/15 07:42	1
Indeno[1,2,3-cd]pyrene	0.00257	U	0.0100	0.00257	mg/L		04/08/15 14:17	04/10/15 07:42	1
Isophorone	0.00265	U	0.0100	0.00265	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Methylnaphthalene	0.00302	U	0.0100	0.00302	mg/L		04/08/15 14:17	04/10/15 07:42	1
Benzyl alcohol	0.00150	U	0.0100	0.00150	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Chloro-3-methylphenol	0.00252	U	0.0100	0.00252	mg/L		04/08/15 14:17	04/10/15 07:42	1
Naphthalene	0.00285	U	0.0100	0.00285	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Chlorophenol	0.00224	U	0.0100	0.00224	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Nitroaniline	0.00245	U	0.0500	0.00245	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		04/08/15 14:17	04/10/15 07:42	1
3-Nitroaniline	0.000947	U	0.0500	0.000947	mg/L		04/08/15 14:17	04/10/15 07:42	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Nitroaniline	0.00230	U	0.0500	0.00230	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4-Dichlorophenol	0.00260	U	0.0100	0.00260	mg/L		04/08/15 14:17	04/10/15 07:42	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4-Dimethylphenol	0.00232	U	0.0100	0.00232	mg/L		04/08/15 14:17	04/10/15 07:42	1
4,6-Dinitro-2-methylphenol	0.00475	U	0.0500	0.00475	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4-Dinitrophenol	0.00355	U	0.0500	0.00355	mg/L		04/08/15 14:17	04/10/15 07:42	1
2-Nitrophenol	0.00265	U	0.0100	0.00265	mg/L		04/08/15 14:17	04/10/15 07:42	1
N-Nitrosodimethylamine	0.00193	U	0.0100	0.00193	mg/L		04/08/15 14:17	04/10/15 07:42	1
4-Nitrophenol	0.00151	U	0.0500	0.00151	mg/L		04/08/15 14:17	04/10/15 07:42	1
N-Nitrosodi-n-propylamine	0.00288	U	0.0100	0.00288	mg/L		04/08/15 14:17	04/10/15 07:42	1
N-Nitrosodiphenylamine	0.00273	U	0.0100	0.00273	mg/L		04/08/15 14:17	04/10/15 07:42	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		04/08/15 14:17	04/10/15 07:42	1
Phenanthrene	0.000790	U	0.0100	0.000790	mg/L		04/08/15 14:17	04/10/15 07:42	1
Phenol	0.000991	U	0.0100	0.000991	mg/L		04/08/15 14:17	04/10/15 07:42	1
Pyrene	0.00240	U	0.0100	0.00240	mg/L		04/08/15 14:17	04/10/15 07:42	1
1,2,4-Trichlorobenzene	0.00226	U	0.0100	0.00226	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		04/08/15 14:17	04/10/15 07:42	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		04/08/15 14:17	04/10/15 07:42	1
bis (2-Chloroisopropyl) ether	0.00256	U	0.0100	0.00256	mg/L		04/08/15 14:17	04/10/15 07:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*35 - 130*	*04/08/15 14:17*	*04/10/15 07:42*	*1*
2-Fluorophenol	*48*		*10 - 130*	*04/08/15 14:17*	*04/10/15 07:42*	*1*
2-Fluorobiphenyl	*79*		*41 - 130*	*04/08/15 14:17*	*04/10/15 07:42*	*1*
2,4,6-Tribromophenol	*76*		*12 - 138*	*04/08/15 14:17*	*04/10/15 07:42*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-159777/1-A
Matrix: Waste
Analysis Batch: 159916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 159777

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	88		43 - 130	04/08/15 14:17	04/10/15 07:42	1
Phenol-d5 (Surr)	27		10 - 130	04/08/15 14:17	04/10/15 07:42	1

Lab Sample ID: LCS 600-159777/2-A
Matrix: Waste
Analysis Batch: 159916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 159777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.0500	0.03641		mg/L		73	60 - 130
Acenaphthylene	0.0500	0.03641		mg/L		73	50 - 130
Anthracene	0.0500	0.03823		mg/L		76	65 - 130
Benzidine	0.100	0.0554	U	mg/L		42	10 - 150
Benzo[a]anthracene	0.0500	0.03879		mg/L		78	64 - 130
Benzo[b]fluoranthene	0.0500	0.03533		mg/L		71	10 - 130
Benzo[g,h,i]perylene	0.0500	0.03988		mg/L		80	10 - 130
Benzo[a]pyrene	0.0500	0.03854		mg/L		77	10 - 130
Benzo[k]fluoranthene	0.0500	0.04308		mg/L		86	10 - 130
Bis(2-chloroethoxy)methane	0.0500	0.03320		mg/L		66	44 - 130
Bis(2-chloroethyl)ether	0.0500	0.02838		mg/L		57	50 - 130
Pyridine	0.0500	0.01805		mg/L		36	10 - 130
Bis(2-ethylhexyl) phthalate	0.0500	0.03475		mg/L		69	52 - 133
4-Bromophenyl phenyl ether	0.0500	0.03721		mg/L		74	64 - 130
Butyl benzyl phthalate	0.0500	0.03548		mg/L		71	53 - 132
4-Chloroaniline	0.0500	0.04130		mg/L		83	32 - 130
Carbazole	0.0500	0.04425		mg/L		89	48 - 138
2-Chloronaphthalene	0.0500	0.03620		mg/L		72	60 - 130
4-Chlorophenyl phenyl ether	0.0500	0.03627		mg/L		73	61 - 130
Chrysene	0.0500	0.03693		mg/L		74	63 - 130
Dibenz(a,h)anthracene	0.0500	0.04004		mg/L		80	10 - 130
Dibenzofuran	0.0500	0.03695		mg/L		74	62 - 130
1,2-Dichlorobenzene	0.0500	0.03528		mg/L		71	59 - 130
1,3-Dichlorobenzene	0.0500	0.03514		mg/L		70	58 - 130
1,4-Dichlorobenzene	0.0500	0.03509		mg/L		70	57 - 130
3,3'-Dichlorobenzidine	0.0500	0.03855		mg/L		77	40 - 140
Diethyl phthalate	0.0500	0.03891		mg/L		78	63 - 130
Dimethyl phthalate	0.0500	0.03769		mg/L		75	63 - 130
Di-n-butyl phthalate	0.0500	0.03751		mg/L		75	60 - 130
2,4-Dinitrotoluene	0.0500	0.03875		mg/L		78	60 - 130
2,6-Dinitrotoluene	0.0500	0.03646		mg/L		73	59 - 130
Di-n-octyl phthalate	0.0500	0.03487		mg/L		70	51 - 135
Fluoranthene	0.0500	0.03853		mg/L		77	61 - 130
Fluorene	0.0500	0.03787		mg/L		76	64 - 130
Hexachlorobenzene	0.0500	0.03851		mg/L		77	61 - 130
Hexachlorobutadiene	0.0500	0.03539		mg/L		71	52 - 130
Hexachlorocyclopentadiene	0.0500	0.02724		mg/L		54	18 - 130
Hexachloroethane	0.0500	0.03520		mg/L		70	52 - 130
Indeno[1,2,3-cd]pyrene	0.0500	0.03756		mg/L		75	45 - 130
Isophorone	0.0500	0.03303		mg/L		66	54 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-159777/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159916 — **Prep Batch: 159777**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	0.0500	0.04748		mg/L		95	62 - 130
Benzyl alcohol	0.0500	0.02593		mg/L		52	25 - 130
4-Chloro-3-methylphenol	0.0500	0.03380		mg/L		68	58 - 130
Naphthalene	0.0500	0.03590		mg/L		72	61 - 130
2-Chlorophenol	0.0500	0.03221		mg/L		64	52 - 130
2-Nitroaniline	0.0500	0.03335	J	mg/L		67	48 - 134
2-Methylphenol	0.0500	0.02730		mg/L		55	39 - 130
3-Nitroaniline	0.0500	0.04960	J	mg/L		99	39 - 130
3 & 4 Methylphenol	0.0500	0.02467		mg/L		49	29 - 130
4-Nitroaniline	0.0500	0.1133	*	mg/L		227	43 - 141
2,4-Dichlorophenol	0.0500	0.03455		mg/L		69	61 - 130
Nitrobenzene	0.0500	0.03402		mg/L		68	55 - 130
2,4-Dimethylphenol	0.0500	0.03256		mg/L		65	49 - 130
4,6-Dinitro-2-methylphenol	0.100	0.08099		mg/L		81	57 - 130
2,4-Dinitrophenol	0.100	0.07253		mg/L		73	29 - 132
2-Nitrophenol	0.0500	0.03499		mg/L		70	59 - 130
N-Nitrosodimethylamine	0.0500	0.01983		mg/L		40	10 - 130
4-Nitrophenol	0.100	0.01733	J	mg/L		17	10 - 140
N-Nitrosodi-n-propylamine	0.0500	0.03405		mg/L		68	52 - 130
N-Nitrosodiphenylamine	0.100	0.08504		mg/L		85	42 - 136
Pentachlorophenol	0.100	0.05673		mg/L		57	29 - 141
Phenanthrene	0.0500	0.03812		mg/L		76	65 - 130
Phenol	0.0500	0.01210		mg/L		24	10 - 130
Pyrene	0.0500	0.03725		mg/L		75	59 - 130
1,2,4-Trichlorobenzene	0.0500	0.03622		mg/L		72	58 - 130
2,4,5-Trichlorophenol	0.0500	0.03406		mg/L		68	51 - 130
2,4,6-Trichlorophenol	0.0500	0.03443		mg/L		69	49 - 130
bis (2-Chloroisopropyl) ether	0.0500	0.03021		mg/L		60	40 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*66*		*35 - 130*
2-Fluorophenol	*38*		*10 - 130*
2-Fluorobiphenyl	*70*		*41 - 130*
2,4,6-Tribromophenol	*72*		*12 - 138*
Terphenyl-d14	*68*		*43 - 130*
Phenol-d5 (Surr)	*19*		*10 - 130*

Lab Sample ID: MB 600-160086/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 160102 — **Prep Batch: 160086**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.67	U	9.90	5.67	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Acenaphthylene	5.78	U	9.90	5.78	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Anthracene	6.22	U	9.90	6.22	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzidine	24.8	U	99.0	24.8	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzo[a]anthracene	6.22	U	9.90	6.22	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzo[b]fluoranthene	0.580	U	9.90	0.580	mg/Kg		04/13/15 15:08	04/14/15 08:33	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-160086/1-A
Matrix: Waste
Analysis Batch: 160102

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 160086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	5.26	U	9.90	5.26	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzo[a]pyrene	5.55	U	9.90	5.55	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzo[k]fluoranthene	0.882	U	9.90	0.882	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Bis(2-chloroethoxy)methane	5.59	U	9.90	5.59	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Bis(2-chloroethyl)ether	0.989	U	9.90	0.989	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Bis(2-ethylhexyl) phthalate	6.00	U	9.90	6.00	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Bromophenyl phenyl ether	6.00	U	9.90	6.00	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Butyl benzyl phthalate	6.02	U	9.90	6.02	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Chloroaniline	1.98	U	9.90	1.98	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Carbazole	6.11	U	9.90	6.11	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2-Chloronaphthalene	6.44	U	9.90	6.44	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Chlorophenyl phenyl ether	5.95	U	9.90	5.95	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Chrysene	6.05	U	9.90	6.05	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Dibenz(a,h)anthracene	5.69	U	9.90	5.69	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Dibenzofuran	5.90	U	9.90	5.90	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
1,2-Dichlorobenzene	0.789	U	9.90	0.789	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
1,3-Dichlorobenzene	5.34	U	9.90	5.34	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
1,4-Dichlorobenzene	0.692	U	9.90	0.692	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
3,3'-Dichlorobenzidine	1.91	U	19.8	1.91	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Diethyl phthalate	6.12	U	9.90	6.12	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Dimethyl phthalate	5.99	U	9.90	5.99	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Di-n-butyl phthalate	6.39	U	9.90	6.39	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4-Dinitrotoluene	0.987	U	9.90	0.987	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,6-Dinitrotoluene	6.29	U	9.90	6.29	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Di-n-octyl phthalate	6.41	U	9.90	6.41	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Fluoranthene	6.32	U	9.90	6.32	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Fluorene	6.10	U	9.90	6.10	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Hexachlorobenzene	6.24	U	9.90	6.24	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Hexachlorobutadiene	1.02	U	9.90	1.02	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Hexachlorocyclopentadiene	0.668	U	9.90	0.668	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Hexachloroethane	0.897	U	9.90	0.897	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Indeno[1,2,3-cd]pyrene	5.43	U	9.90	5.43	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Isophorone	5.82	U	9.90	5.82	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2-Methylnaphthalene	5.67	U	9.90	5.67	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Benzyl alcohol	1.87	U	9.90	1.87	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Chloro-3-methylphenol	5.76	U	9.90	5.76	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Naphthalene	0.579	U	9.90	0.579	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2-Chlorophenol	0.699	U	9.90	0.699	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2-Nitroaniline	5.84	U	48.0	5.84	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2-Methylphenol	1.14	U	9.90	1.14	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
3-Nitroaniline	6.35	U	48.0	6.35	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
3 & 4 Methylphenol	0.902	U	19.8	0.902	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Nitroaniline	5.41	U	48.0	5.41	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4-Dichlorophenol	5.48	U	9.90	5.48	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Nitrobenzene	1.42	U	9.90	1.42	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4-Dimethylphenol	1.91	U	9.90	1.91	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4,6-Dinitro-2-methylphenol	6.20	U	48.0	6.20	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4-Dinitrophenol	3.84	U	48.0	3.84	mg/Kg		04/13/15 15:08	04/14/15 08:33	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 600-160086/1-A
Matrix: Waste
Analysis Batch: 160102

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 160086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	5.40	U	9.90	5.40	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
N-Nitrosodimethylamine	2.86	U	9.90	2.86	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
4-Nitrophenol	5.40	U	48.0	5.40	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
N-Nitrosodi-n-propylamine	0.858	U	9.90	0.858	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
N-Nitrosodiphenylamine	0.946	U	9.90	0.946	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Pentachlorophenol	0.664	U	48.0	0.664	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Phenanthrene	6.09	U	9.90	6.09	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Phenol	1.12	U	9.90	1.12	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
Pyrene	6.63	U	9.90	6.63	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
1,2,4-Trichlorobenzene	6.32	U	9.90	6.32	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4,5-Trichlorophenol	1.86	U	9.90	1.86	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
2,4,6-Trichlorophenol	5.40	U	9.90	5.40	mg/Kg		04/13/15 15:08	04/14/15 08:33	1
bis (2-Chloroisopropyl) ether	1.04	U	9.90	1.04	mg/Kg		04/13/15 15:08	04/14/15 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*46 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*
2-Fluorophenol	*83*		*45 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*
2-Fluorobiphenyl	*75*		*42 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*
2,4,6-Tribromophenol	*76*		*25 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*
Terphenyl-d14	*78*		*51 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*
Phenol-d5 (Surr)	*84*		*48 - 130*	*04/13/15 15:08*	*04/14/15 08:33*	*1*

Lab Sample ID: LCS 600-160086/2-A
Matrix: Waste
Analysis Batch: 160102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	37.87		mg/Kg		76	60 - 130
Acenaphthylene	50.0	37.76		mg/Kg		76	61 - 130
Anthracene	50.0	38.57		mg/Kg		77	69 - 130
Benzidine	100	42.91	J	mg/Kg		43	10 - 150
Benzo[a]anthracene	50.0	39.29		mg/Kg		79	70 - 130
Benzo[b]fluoranthene	50.0	37.44		mg/Kg		75	61 - 130
Benzo[g,h,i]perylene	50.0	36.70		mg/Kg		73	56 - 130
Benzo[a]pyrene	50.0	38.75		mg/Kg		78	70 - 130
Benzo[k]fluoranthene	50.0	41.26		mg/Kg		83	70 - 130
Bis(2-chloroethoxy)methane	50.0	36.98		mg/Kg		74	58 - 130
Bis(2-chloroethyl)ether	50.0	53.62		mg/Kg		107	53 - 130
Bis(2-ethylhexyl) phthalate	50.0	38.95		mg/Kg		78	57 - 130
4-Bromophenyl phenyl ether	50.0	38.67		mg/Kg		77	66 - 130
Butyl benzyl phthalate	50.0	39.27		mg/Kg		79	57 - 130
4-Chloroaniline	50.0	39.86		mg/Kg		80	63 - 130
Carbazole	50.0	39.48		mg/Kg		79	61 - 130
2-Chloronaphthalene	50.0	36.79		mg/Kg		74	60 - 130
4-Chlorophenyl phenyl ether	50.0	39.21		mg/Kg		78	67 - 130
Chrysene	50.0	38.16		mg/Kg		76	67 - 130
Dibenz(a,h)anthracene	50.0	35.89		mg/Kg		72	60 - 130
Dibenzofuran	50.0	37.78		mg/Kg		76	66 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-160086/2-A
Matrix: Waste
Analysis Batch: 160102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	50.0	34.53		mg/Kg		69	59 - 130
1,3-Dichlorobenzene	50.0	38.08		mg/Kg		76	58 - 130
1,4-Dichlorobenzene	50.0	33.41		mg/Kg		67	59 - 130
3,3'-Dichlorobenzidine	50.0	38.12		mg/Kg		76	64 - 130
Diethyl phthalate	50.0	38.64		mg/Kg		77	62 - 130
Dimethyl phthalate	50.0	38.44		mg/Kg		77	66 - 130
Di-n-butyl phthalate	50.0	39.38		mg/Kg		79	61 - 130
2,4-Dinitrotoluene	50.0	40.32		mg/Kg		81	66 - 130
2,6-Dinitrotoluene	50.0	38.92		mg/Kg		78	65 - 130
Di-n-octyl phthalate	50.0	38.54		mg/Kg		77	58 - 130
Fluoranthene	50.0	39.45		mg/Kg		79	68 - 130
Fluorene	50.0	39.03		mg/Kg		78	67 - 130
Hexachlorobenzene	50.0	39.25		mg/Kg		79	64 - 130
Hexachlorobutadiene	50.0	33.05		mg/Kg		66	52 - 130
Hexachlorocyclopentadiene	50.0	33.03		mg/Kg		66	10 - 130
Hexachloroethane	50.0	36.55		mg/Kg		73	49 - 130
Indeno[1,2,3-cd]pyrene	50.0	32.78		mg/Kg		66	49 - 130
Isophorone	50.0	36.77		mg/Kg		74	57 - 130
2-Methylnaphthalene	50.0	36.62		mg/Kg		73	66 - 130
Benzyl alcohol	50.0	44.54		mg/Kg		89	58 - 130
4-Chloro-3-methylphenol	50.0	40.57		mg/Kg		81	62 - 130
Naphthalene	50.0	35.73		mg/Kg		71	63 - 130
2-Chlorophenol	50.0	40.71		mg/Kg		81	60 - 130
2-Nitroaniline	50.0	37.75	J	mg/Kg		76	56 - 132
2-Methylphenol	50.0	41.60		mg/Kg		83	64 - 130
3-Nitroaniline	50.0	43.95	J	mg/Kg		88	65 - 130
3 & 4 Methylphenol	50.0	44.54		mg/Kg		89	65 - 130
4-Nitroaniline	50.0	52.43		mg/Kg		105	59 - 133
2,4-Dichlorophenol	50.0	39.77		mg/Kg		80	66 - 130
Nitrobenzene	50.0	33.52		mg/Kg		67	41 - 140
2,4-Dimethylphenol	50.0	41.80		mg/Kg		84	56 - 130
4,6-Dinitro-2-methylphenol	100	82.78		mg/Kg		83	29 - 132
2,4-Dinitrophenol	100	84.62		mg/Kg		85	10 - 147
2-Nitrophenol	50.0	37.45		mg/Kg		75	63 - 130
N-Nitrosodimethylamine	50.0	33.86		mg/Kg		68	53 - 139
4-Nitrophenol	100	75.64		mg/Kg		76	23 - 137
N-Nitrosodi-n-propylamine	50.0	41.02		mg/Kg		82	54 - 142
N-Nitrosodiphenylamine	100	75.47		mg/Kg		75	70 - 130
Pentachlorophenol	100	83.42		mg/Kg		83	27 - 130
Phenanthrene	50.0	38.05		mg/Kg		76	68 - 130
Phenol	50.0	41.10		mg/Kg		82	61 - 130
Pyrene	50.0	37.65		mg/Kg		75	64 - 130
1,2,4-Trichlorobenzene	50.0	34.02		mg/Kg		68	59 - 130
2,4,5-Trichlorophenol	50.0	38.13		mg/Kg		76	58 - 130
2,4,6-Trichlorophenol	50.0	39.52		mg/Kg		79	60 - 130
bis (2-Chloroisopropyl) ether	50.0	33.85		mg/Kg		68	41 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 600-160086/2-A
Matrix: Waste
Analysis Batch: 160102

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 160086

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*68*		*46 - 130*
2-Fluorophenol	*81*		*45 - 130*
2-Fluorobiphenyl	*73*		*42 - 130*
2,4,6-Tribromophenol	*82*		*25 - 130*
Terphenyl-d14	*77*		*51 - 130*
Phenol-d5 (Surr)	*82*		*48 - 130*

Lab Sample ID: LB 600-159616/1-D
Matrix: Waste
Analysis Batch: 159815

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 159749

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		04/08/15 10:50	04/09/15 11:52	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 10:50	04/09/15 11:52	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 10:50	04/09/15 11:52	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 10:50	04/09/15 11:52	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 10:50	04/09/15 11:52	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 10:50	04/09/15 11:52	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		04/08/15 10:50	04/09/15 11:52	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		04/08/15 10:50	04/09/15 11:52	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 10:50	04/09/15 11:52	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 10:50	04/09/15 11:52	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 10:50	04/09/15 11:52	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 10:50	04/09/15 11:52	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*35 - 130*	*04/08/15 10:50*	*04/09/15 11:52*	*1*
2-Fluorophenol	*67*		*10 - 130*	*04/08/15 10:50*	*04/09/15 11:52*	*1*
2-Fluorobiphenyl	*81*		*41 - 130*	*04/08/15 10:50*	*04/09/15 11:52*	*1*
2,4,6-Tribromophenol	*72*		*12 - 138*	*04/08/15 10:50*	*04/09/15 11:52*	*1*
Terphenyl-d14	*88*		*43 - 130*	*04/08/15 10:50*	*04/09/15 11:52*	*1*
Phenol-d5 (Surr)	*56*		*10 - 130*	*04/08/15 10:50*	*04/09/15 11:52*	*1*

Lab Sample ID: 600-109297-1 MS
Matrix: Waste
Analysis Batch: 159716

Client Sample ID: 4046-PT1
Prep Type: TCLP
Prep Batch: 159749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0108	U F1	0.250	0.0108	U F1	mg/L		0	10 - 130
1,4-Dichlorobenzene	0.00890	U	0.250	0.1757		mg/L		70	57 - 130
2,4-Dinitrotoluene	0.0132	U	0.250	0.1901		mg/L		76	60 - 130
Hexachlorobenzene	0.0130	U	0.250	0.1871		mg/L		75	61 - 130
Hexachlorobutadiene	0.0106	U	0.250	0.1779		mg/L		71	52 - 130
Hexachloroethane	0.0110	U	0.250	0.1663		mg/L		67	52 - 130
2-Methylphenol	0.00905	U	0.250	0.1765		mg/L		71	39 - 130
3 & 4 Methylphenol	0.00940	U	0.250	0.1730		mg/L		69	29 - 130
Nitrobenzene	0.0124	U	0.250	0.2308		mg/L		92	55 - 130
Pentachlorophenol	0.0231	U	0.500	0.3033		mg/L		61	29 - 141

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 600-109297-1 MS — **Client Sample ID: 4046-PT1**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159716 — **Prep Batch: 159749**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	0.0136	U	0.250	0.1714		mg/L		69	51 - 130
2,4,6-Trichlorophenol	0.0129	U	0.250	0.1743		mg/L		70	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*74*		*35 - 130*
2-Fluorophenol	*64*		*10 - 130*
2-Fluorobiphenyl	*69*		*41 - 130*
2,4,6-Tribromophenol	*88*		*12 - 138*
Terphenyl-d14	*74*		*43 - 130*
Phenol-d5 (Surr)	*62*		*10 - 130*

Lab Sample ID: LB 600-159689/1-C — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159916 — **Prep Batch: 159777**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		04/08/15 14:17	04/10/15 08:44	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		04/08/15 14:17	04/10/15 08:44	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		04/08/15 14:17	04/10/15 08:44	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		04/08/15 14:17	04/10/15 08:44	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		04/08/15 14:17	04/10/15 08:44	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		04/08/15 14:17	04/10/15 08:44	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		04/08/15 14:17	04/10/15 08:44	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		04/08/15 14:17	04/10/15 08:44	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		04/08/15 14:17	04/10/15 08:44	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		04/08/15 14:17	04/10/15 08:44	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		04/08/15 14:17	04/10/15 08:44	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		04/08/15 14:17	04/10/15 08:44	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*69*		*35 - 130*	*04/08/15 14:17*	*04/10/15 08:44*	*1*
2-Fluorophenol	*45*		*10 - 130*	*04/08/15 14:17*	*04/10/15 08:44*	*1*
2-Fluorobiphenyl	*75*		*41 - 130*	*04/08/15 14:17*	*04/10/15 08:44*	*1*
2,4,6-Tribromophenol	*73*		*12 - 138*	*04/08/15 14:17*	*04/10/15 08:44*	*1*
Terphenyl-d14	*86*		*43 - 130*	*04/08/15 14:17*	*04/10/15 08:44*	*1*
Phenol-d5 (Surr)	*25*		*10 - 130*	*04/08/15 14:17*	*04/10/15 08:44*	*1*

Lab Sample ID: 600-109297-4 MS — **Client Sample ID: B 25206-25274**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159916 — **Prep Batch: 159777**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	1.08	U	0.250	1.08	U	mg/L		NC	10 - 130
1,4-Dichlorobenzene	0.890	U	0.250	0.890	U	mg/L		NC	57 - 130
2,4-Dinitrotoluene	1.32	U	0.250	1.32	U	mg/L		NC	60 - 130
Hexachlorobenzene	1.30	U	0.250	1.30	U	mg/L		NC	61 - 130
Hexachlorobutadiene	1.06	U	0.250	1.06	U	mg/L		NC	52 - 130
Hexachloroethane	1.10	U	0.250	1.10	U	mg/L		NC	52 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 600-109297-4 MS — **Client Sample ID: B 25206-25274**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159916 — **Prep Batch: 159777**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylphenol	304	E	0.250	313.6	E 4	mg/L		3755	39 - 130
3 & 4 Methylphenol	225	E	0.250	236.2	E 4	mg/L		4609	29 - 130
Nitrobenzene	1.24	U	0.250	1.24	U	mg/L		NC	55 - 130
Pentachlorophenol	2.31	U	0.500	2.31	U	mg/L		NC	29 - 141
2,4,5-Trichlorophenol	1.36	U	0.250	1.36	U	mg/L		NC	51 - 130
2,4,6-Trichlorophenol	2.83	J	0.250	3.421	J 4	mg/L		237	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*0*	*X*	*35 - 130*
2-Fluorophenol	*0*	*X*	*10 - 130*
2-Fluorobiphenyl	*0*	*X*	*41 - 130*
2,4,6-Tribromophenol	*0*	*X*	*12 - 138*
Terphenyl-d14	*0*	*X*	*43 - 130*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC)

Lab Sample ID: MB 600-159584/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159578 — **Prep Batch: 159584**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		04/06/15 15:43	04/07/15 02:38	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		04/06/15 15:43	04/07/15 02:38	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		04/06/15 15:43	04/07/15 02:38	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		04/06/15 15:43	04/07/15 02:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*70 - 130*	*04/06/15 15:43*	*04/07/15 02:38*	*1*

Lab Sample ID: LCS 600-159584/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159578 — **Prep Batch: 159584**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	250	247.1		mg/Kg		99	75 - 125
>C12-C28	250	233.6		mg/Kg		93	75 - 125
C6-C35	500	480.7		mg/Kg		96	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*80*		*70 - 130*

Method: TX 1005 - Texas - Total Petroleum Hydrocarbon (GC) (Continued)

Lab Sample ID: LCSD 600-159584/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159578 — **Prep Batch: 159584**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12	250	246.1		mg/Kg		98	75 - 125	0	20
>C12-C28	250	238.1		mg/Kg		95	75 - 125	2	20
C6-C35	500	484.2		mg/Kg		97	75 - 125	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*83*		*70 - 130*

Lab Sample ID: MB 600-159723/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159768 — **Prep Batch: 159723**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		04/08/15 08:46	04/08/15 14:13	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		04/08/15 08:46	04/08/15 14:13	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		04/08/15 08:46	04/08/15 14:13	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		04/08/15 08:46	04/08/15 14:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*70 - 130*	*04/08/15 08:46*	*04/08/15 14:13*	*1*

Lab Sample ID: LCS 600-159723/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159768 — **Prep Batch: 159723**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	250	249.3		mg/Kg		100	75 - 125
>C12-C28	250	233.5		mg/Kg		93	75 - 125
C6-C35	500	482.8		mg/Kg		97	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: LCSD 600-159723/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159768 — **Prep Batch: 159723**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12	250	240.6		mg/Kg		96	75 - 125	4	20
>C12-C28	250	232.5		mg/Kg		93	75 - 125	0	20
C6-C35	500	473.1		mg/Kg		95	75 - 125	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*88*		*70 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-159721/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159760 — **Prep Batch: 159721**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		04/08/15 08:40	04/08/15 14:32	1
Barium	0.00220	U	0.0200	0.00220	mg/L		04/08/15 08:40	04/08/15 14:32	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		04/08/15 08:40	04/08/15 14:32	1
Chromium	0.008200	J	0.0100	0.00155	mg/L		04/08/15 08:40	04/08/15 14:32	1
Lead	0.00290	U	0.0100	0.00290	mg/L		04/08/15 08:40	04/08/15 14:32	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		04/08/15 08:40	04/08/15 14:32	1
Silver	0.00125	U	0.0100	0.00125	mg/L		04/08/15 08:40	04/08/15 14:32	1

Lab Sample ID: LCS 600-159721/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159760 — **Prep Batch: 159721**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.045		mg/L		105	80 - 120
Barium	1.00	1.040		mg/L		104	80 - 120
Cadmium	0.500	0.5160		mg/L		103	80 - 120
Chromium	1.00	1.060		mg/L		106	80 - 120
Lead	1.00	1.025		mg/L		103	80 - 120
Selenium	1.00	1.039		mg/L		104	80 - 120
Silver	0.500	0.5395		mg/L		108	80 - 120

Lab Sample ID: MB 600-159774/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		04/08/15 13:32	04/09/15 11:24	1
Barium	0.002500	J	0.0200	0.00220	mg/L		04/08/15 13:32	04/09/15 11:24	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		04/08/15 13:32	04/09/15 11:24	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		04/08/15 13:32	04/09/15 11:24	1
Lead	0.00290	U	0.0100	0.00290	mg/L		04/08/15 13:32	04/09/15 11:24	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		04/08/15 13:32	04/09/15 11:24	1
Silver	0.00125	U	0.0100	0.00125	mg/L		04/08/15 13:32	04/09/15 11:24	1

Lab Sample ID: LCS 600-159774/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.055		mg/L		106	80 - 120
Barium	1.00	1.064		mg/L		106	80 - 120
Cadmium	0.500	0.5312		mg/L		106	80 - 120
Chromium	1.00	1.039		mg/L		104	80 - 120
Lead	1.00	1.045		mg/L		105	80 - 120
Selenium	1.00	1.060		mg/L		106	80 - 120
Silver	0.500	0.5392		mg/L		108	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 490-240155/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 240277 — **Prep Batch: 240155**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.886	U	1.97	0.886	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Barium	1.57	U	1.97	1.57	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Cadmium	0.0984	U	0.984	0.0984	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Chromium	0.591	U	0.984	0.591	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Lead	0.492	U	0.984	0.492	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Selenium	0.984	U	1.97	0.984	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Silver	0.492	U	0.984	0.492	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Sodium	98.4	U	197	98.4	mg/Kg		04/09/15 13:51	04/10/15 01:15	1
Sulfur	19.7	U	49.2	19.7	mg/Kg		04/09/15 13:51	04/10/15 01:15	1

Lab Sample ID: LCS 490-240155/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 240277 — **Prep Batch: 240155**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	20.0	18.06		mg/Kg		90	80 - 120
Barium	800	808.8		mg/Kg		101	80 - 120
Cadmium	20.0	18.02		mg/Kg		90	80 - 120
Chromium	80.0	74.44		mg/Kg		93	80 - 120
Lead	20.0	19.56		mg/Kg		98	80 - 120
Selenium	20.0	18.16		mg/Kg		91	80 - 120
Silver	20.0	18.60		mg/Kg		93	80 - 120
Sodium	2000	1978		mg/Kg		99	80 - 120
Sulfur	400	367.4		mg/Kg		92	80 - 120

Lab Sample ID: MB 490-240168/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 240948 — **Prep Batch: 240168**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00720	U	0.0100	0.00720	mg/L		04/09/15 14:17	04/13/15 11:55	1
Barium	0.00500	U	0.0100	0.00500	mg/L		04/09/15 14:17	04/13/15 11:55	1
Cadmium	0.000500	U	0.00100	0.000500	mg/L		04/09/15 14:17	04/13/15 11:55	1
Chromium	0.00300	U	0.00500	0.00300	mg/L		04/09/15 14:17	04/13/15 11:55	1
Lead	0.00200	U	0.00500	0.00200	mg/L		04/09/15 14:17	04/13/15 11:55	1
Selenium	0.00500	U	0.0100	0.00500	mg/L		04/09/15 14:17	04/13/15 11:55	1
Silver	0.00250	U	0.00500	0.00250	mg/L		04/09/15 14:17	04/13/15 11:55	1
Sulfur	0.100	U	0.250	0.100	mg/L		04/09/15 14:17	04/13/15 11:55	1

Lab Sample ID: LCS 490-240168/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 240948 — **Prep Batch: 240168**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0500	0.04690		mg/L		94	80 - 120
Barium	2.00	1.926		mg/L		96	80 - 120
Cadmium	0.0500	0.04590		mg/L		92	80 - 120
Chromium	0.200	0.1910		mg/L		96	80 - 120
Lead	0.0500	0.04780		mg/L		96	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 490-240168/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 240948 — **Prep Batch: 240168**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.0500	0.04660		mg/L		93	80 - 120
Silver	0.0500	0.04480		mg/L		90	80 - 120
Sulfur	1.00	0.8706		mg/L		87	80 - 120

Lab Sample ID: LCSD 490-240168/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 240948 — **Prep Batch: 240168**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0500	0.04550		mg/L		91	80 - 120	3	20
Barium	2.00	1.981		mg/L		99	80 - 120	3	20
Cadmium	0.0500	0.04750		mg/L		95	80 - 120	3	20
Chromium	0.200	0.1974		mg/L		99	80 - 120	3	20
Lead	0.0500	0.04930		mg/L		99	80 - 120	3	20
Selenium	0.0500	0.04850		mg/L		97	80 - 120	4	20
Silver	0.0500	0.04660		mg/L		93	80 - 120	4	20
Sulfur	1.00	0.8985		mg/L		90	80 - 120	3	20

Lab Sample ID: LB 600-159616/1-C — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159760 — **Prep Batch: 159721**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.03300	J	0.100	0.0328	mg/L		04/08/15 08:40	04/08/15 14:37	1
Barium	0.1240	J	0.200	0.0220	mg/L		04/08/15 08:40	04/08/15 14:37	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 08:40	04/08/15 14:37	1
Chromium	0.04300	J	0.100	0.0155	mg/L		04/08/15 08:40	04/08/15 14:37	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 08:40	04/08/15 14:37	1
Selenium	0.04700	J	0.400	0.0417	mg/L		04/08/15 08:40	04/08/15 14:37	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 08:40	04/08/15 14:37	1

Lab Sample ID: 600-109297-2 MS — **Client Sample ID: 4047-PT2**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159760 — **Prep Batch: 159721**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	10.38		mg/L		104	75 - 125
Barium	0.510	B	10.0	10.65		mg/L		101	75 - 125
Cadmium	0.00350	U	5.00	5.087		mg/L		102	75 - 125
Chromium	0.0220	J B	10.0	10.39		mg/L		104	75 - 125
Lead	0.0290	U	10.0	10.26		mg/L		103	75 - 125
Selenium	0.0417	U	10.0	10.35		mg/L		104	75 - 125
Silver	0.0125	U	5.00	5.434		mg/L		109	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 600-159616/1-E — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 13:32	04/09/15 12:06	1
Barium	0.1340	J	0.200	0.0220	mg/L		04/08/15 13:32	04/09/15 12:06	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 13:32	04/09/15 12:06	1
Chromium	0.0155	U	0.100	0.0155	mg/L		04/08/15 13:32	04/09/15 12:06	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 13:32	04/09/15 12:06	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 13:32	04/09/15 12:06	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 13:32	04/09/15 12:06	1

Lab Sample ID: LB 600-159689/1-B — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		04/08/15 13:32	04/09/15 11:35	1
Barium	0.1020	J	0.200	0.0220	mg/L		04/08/15 13:32	04/09/15 11:35	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		04/08/15 13:32	04/09/15 11:35	1
Chromium	0.01700	J	0.100	0.0155	mg/L		04/08/15 13:32	04/09/15 11:35	1
Lead	0.0290	U	0.100	0.0290	mg/L		04/08/15 13:32	04/09/15 11:35	1
Selenium	0.0417	U	0.400	0.0417	mg/L		04/08/15 13:32	04/09/15 11:35	1
Silver	0.0125	U	0.100	0.0125	mg/L		04/08/15 13:32	04/09/15 11:35	1

Lab Sample ID: 600-109297-4 MS — **Client Sample ID: B 25206-25274**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	11.21		mg/L		112	75 - 125
Barium	0.187	J B	10.0	10.92		mg/L		107	75 - 125
Cadmium	0.00350	U	5.00	5.562		mg/L		111	75 - 125
Chromium	0.0850	J B	10.0	10.62		mg/L		105	75 - 125
Lead	0.0290	U	10.0	10.78		mg/L		108	75 - 125
Selenium	0.0417	U	10.0	11.44		mg/L		114	75 - 125
Silver	0.0125	U	5.00	5.187		mg/L		104	75 - 125

Lab Sample ID: 600-109297-7 MS — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	11.02		mg/L		110	75 - 125
Barium	0.216	B	10.0	10.98		mg/L		108	75 - 125
Cadmium	0.0700		5.00	5.504		mg/L		109	75 - 125
Chromium	4.44		10.0	14.86		mg/L		104	75 - 125
Selenium	0.0860	J	10.0	11.69		mg/L		116	75 - 125
Silver	0.0210	J	5.00	5.621		mg/L		112	75 - 125

Method: 6010B - Metals (ICP) - DL

Lab Sample ID: 600-109297-7 MS — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159863 — **Prep Batch: 159774**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead - DL	1.42		10.0	12.19		mg/L		108	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-159719/7-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159773 — **Prep Batch: 159719**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/08/15 07:30	04/08/15 11:37	1

Lab Sample ID: LCS 600-159719/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159773 — **Prep Batch: 159719**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1306		mg/L		85	70 - 130

Lab Sample ID: MB 600-159817/7-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/09/15 06:21	04/09/15 10:23	1

Lab Sample ID: LCS 600-159817/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1361		mg/L		89	70 - 130

Lab Sample ID: LB 600-159616/1-B — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159773 — **Prep Batch: 159719**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/08/15 07:30	04/08/15 11:41	1

Lab Sample ID: LB 600-159618/1-B — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159773 — **Prep Batch: 159719**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/08/15 07:30	04/08/15 11:52	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 600-109297-2 MS — **Client Sample ID: 4047-PT2**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159773 — **Prep Batch: 159719**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0000820	U	0.00300	0.002515		mg/L		84	75 - 125

Lab Sample ID: LB 600-159616/1-F — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/09/15 06:21	04/09/15 10:49	1

Lab Sample ID: LB 600-159689/1-D — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		04/09/15 06:21	04/09/15 10:27	1

Lab Sample ID: 600-109297-4 MS — **Client Sample ID: B 25206-25274**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000820	U	0.0300	0.02363		mg/L		79	75 - 125

Lab Sample ID: 600-109297-7 MS — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 159859 — **Prep Batch: 159817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000820	U	0.0300	0.02578		mg/L		86	75 - 125

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 600-159614/7-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159669 — **Prep Batch: 159614**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.003519	J	0.0162	0.00341	mg/Kg		04/07/15 09:35	04/07/15 13:29	1

Lab Sample ID: LCSSRM 600-159614/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159669 — **Prep Batch: 159614**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.76	5.898		mg/Kg		102.4	71.2 - 128.6

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: MB 600-159993/1 — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			04/10/15 07:20	1

Lab Sample ID: LCS 600-159993/2 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	79.00		Degrees F		98	96.9 - 103.1 09

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-159871/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159911 — **Prep Batch: 159871**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	0.0855	U	0.250	0.0855	mg/Kg		04/09/15 08:00	04/09/15 23:46	1

Lab Sample ID: LCS 600-159871/2-A ^20 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159911 — **Prep Batch: 159871**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	191.3		mg/Kg		19	0 - 200

Lab Sample ID: 600-109297-7 MS — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159911 — **Prep Batch: 159871**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	0.0848	U	995	206.9		mg/Kg		21	0 - 200

Lab Sample ID: 600-109297-7 DU — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159911 — **Prep Batch: 159871**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	0.0848	U	0.0845	U	mg/Kg		NC	20

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 240-175353/3-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 175596 — **Prep Batch: 175353**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	33.8	U	199	33.8	mg/Kg		04/08/15 05:13	04/08/15 08:19	1

Method: 9023 - Organic Halides, Extractable (EOX) (Continued)

Lab Sample ID: LCS 240-175353/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 175596 — **Prep Batch: 175353**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1000	976.1		mg/Kg		98	75 - 125

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 600-159871/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159908 — **Prep Batch: 159871**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		04/09/15 08:00	04/09/15 23:35	1

Lab Sample ID: LCS 600-159871/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159908 — **Prep Batch: 159871**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	300.0		mg/Kg		30	0 - 200

Lab Sample ID: 600-109297-7 MS — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159908 — **Prep Batch: 159871**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	13.9	U	993	1091		mg/Kg		110	0 - 200

Lab Sample ID: 600-109297-7 DU — **Client Sample ID: Group 6**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159908 — **Prep Batch: 159871**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide, Reactive	13.9	U	13.8	U	mg/Kg		NC	20

Method: 9040B - pH

Lab Sample ID: LCS 600-159901/1 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 159901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

QC Association Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

GC/MS VOA

Leach Batch: 137873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-1	4046-PT1	TCLP	Waste	1311	
600-109297-2	4047-PT2	TCLP	Waste	1311	
600-109297-3	4048--PT3	TCLP	Waste	1311	
600-109297-4	B 25206-25274	TCLP	Waste	1311	
600-109297-6	FT 1001	TCLP	Waste	1311	
600-109297-7	Group 6	TCLP	Waste	1311	
600-109297-8	Group 7	TCLP	Waste	1311	

Leach Batch: 137908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 180-137908/6-A	Method Blank	TCLP	Waste	1311	

Analysis Batch: 137977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-1	4046-PT1	TCLP	Waste	8260B	137873
600-109297-2	4047-PT2	TCLP	Waste	8260B	137873
600-109297-3	4048--PT3	TCLP	Waste	8260B	137873
600-109297-4	B 25206-25274	TCLP	Waste	8260B	137873
600-109297-6	FT 1001	TCLP	Waste	8260B	137873
600-109297-7	Group 6	TCLP	Waste	8260B	137873
600-109297-8	Group 7	TCLP	Waste	8260B	137873
LB 180-137908/6-A	Method Blank	TCLP	Waste	8260B	137908
LCS 180-137977/18	Lab Control Sample	Total/NA	Waste	8260B	

Prep Batch: 159628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	5030B	
600-109297-6	FT 1001	Total/NA	Waste	5030B	
600-109297-7	Group 6	Total/NA	Waste	5030B	
600-109297-8	Group 7	Total/NA	Waste	5030B	
LCS 600-159628/1-A	Lab Control Sample	Total/NA	Waste	5030B	
LCSD 600-159628/2-A	Lab Control Sample Dup	Total/NA	Waste	5030B	
MB 600-159628/3-A	Method Blank	Total/NA	Waste	5030B	

Analysis Batch: 159629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	8260B	159628
600-109297-6	FT 1001	Total/NA	Waste	8260B	159628
600-109297-7	Group 6	Total/NA	Waste	8260B	159628
600-109297-8	Group 7	Total/NA	Waste	8260B	159628
LCS 600-159628/1-A	Lab Control Sample	Total/NA	Waste	8260B	159628
LCSD 600-159628/2-A	Lab Control Sample Dup	Total/NA	Waste	8260B	159628
MB 600-159628/3-A	Method Blank	Total/NA	Waste	8260B	159628

GC/MS Semi VOA

Leach Batch: 159616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-1	4046-PT1	TCLP	Waste	1311	
600-109297-1 MS	4046-PT1	TCLP	Waste	1311	

GC/MS Semi VOA (Continued)

Leach Batch: 159616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-7	Group 6	TCLP	Waste	1311	
600-109297-8	Group 7	TCLP	Waste	1311	
LB 600-159616/1-D	Method Blank	TCLP	Waste	1311	

Prep Batch: 159673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4 - DL	B 25206-25274	Total/NA	Waste	3580A	
600-109297-4	B 25206-25274	Total/NA	Waste	3580A	
LCS 600-159673/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 600-159673/1-A	Method Blank	Total/NA	Waste	3580A	

Leach Batch: 159689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	1311	
600-109297-4 - DL	B 25206-25274	TCLP	Waste	1311	
600-109297-4 MS	B 25206-25274	TCLP	Waste	1311	
600-109297-6	FT 1001	TCLP	Waste	1311	
LB 600-159689/1-C	Method Blank	TCLP	Waste	1311	

Analysis Batch: 159716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-1	4046-PT1	TCLP	Waste	8270C	159749
600-109297-1 MS	4046-PT1	TCLP	Waste	8270C	159749
600-109297-7	Group 6	TCLP	Waste	8270C	159749
600-109297-8	Group 7	TCLP	Waste	8270C	159749

Analysis Batch: 159717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	8270C	159673
600-109297-4 - DL	B 25206-25274	Total/NA	Waste	8270C	159673
LCS 600-159673/2-A	Lab Control Sample	Total/NA	Waste	8270C	159673
MB 600-159673/1-A	Method Blank	Total/NA	Waste	8270C	159673

Prep Batch: 159749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-1	4046-PT1	TCLP	Waste	3510C	159616
600-109297-1 MS	4046-PT1	TCLP	Waste	3510C	159616
600-109297-7	Group 6	TCLP	Waste	3510C	159616
600-109297-8	Group 7	TCLP	Waste	3510C	159616
LB 600-159616/1-D	Method Blank	TCLP	Waste	3510C	159616
LCS 600-159749/2-A	Lab Control Sample	Total/NA	Waste	3510C	
MB 600-159749/1-A	Method Blank	Total/NA	Waste	3510C	

Prep Batch: 159777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4 - DL	B 25206-25274	TCLP	Waste	3510C	159689
600-109297-4	B 25206-25274	TCLP	Waste	3510C	159689
600-109297-4 MS	B 25206-25274	TCLP	Waste	3510C	159689
600-109297-6	FT 1001	TCLP	Waste	3510C	159689
600-109297-13	FT 1001	Total/NA	Water	3510C	
600-109297-14	Group 6	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 159777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-15	Group 7	Total/NA	Water	3510C	
LB 600-159689/1-C	Method Blank	TCLP	Waste	3510C	159689
LCS 600-159777/2-A	Lab Control Sample	Total/NA	Waste	3510C	
MB 600-159777/1-A	Method Blank	Total/NA	Waste	3510C	

Analysis Batch: 159815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-159616/1-D	Method Blank	TCLP	Waste	8270C	159749
LCS 600-159749/2-A	Lab Control Sample	Total/NA	Waste	8270C	159749
MB 600-159749/1-A	Method Blank	Total/NA	Waste	8270C	159749

Analysis Batch: 159916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	8270C	159777
600-109297-4 - DL	B 25206-25274	TCLP	Waste	8270C	159777
600-109297-4 MS	B 25206-25274	TCLP	Waste	8270C	159777
600-109297-6	FT 1001	TCLP	Waste	8270C	159777
600-109297-13	FT 1001	Total/NA	Water	8270C	159777
600-109297-14	Group 6	Total/NA	Water	8270C	159777
600-109297-15	Group 7	Total/NA	Water	8270C	159777
LB 600-159689/1-C	Method Blank	TCLP	Waste	8270C	159777
LCS 600-159777/2-A	Lab Control Sample	Total/NA	Waste	8270C	159777
MB 600-159777/1-A	Method Blank	Total/NA	Waste	8270C	159777

Prep Batch: 160086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-3	4048--PT3	Total/NA	Waste	3580A	
LCS 600-160086/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 600-160086/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 160102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-3	4048--PT3	Total/NA	Waste	8270C	160086
LCS 600-160086/2-A	Lab Control Sample	Total/NA	Waste	8270C	160086
MB 600-160086/1-A	Method Blank	Total/NA	Waste	8270C	160086

GC Semi VOA

Analysis Batch: 159577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4 - DL	B 25206-25274	Total/NA	Waste	TX 1005	159584

Analysis Batch: 159578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-8 - DL	Group 7	Total/NA	Waste	TX 1005	159584
LCS 600-159584/2-A	Lab Control Sample	Total/NA	Waste	TX 1005	159584
LCSD 600-159584/3-A	Lab Control Sample Dup	Total/NA	Waste	TX 1005	159584
MB 600-159584/1-A	Method Blank	Total/NA	Waste	TX 1005	159584

GC Semi VOA (Continued)

Prep Batch: 159584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4 - DL	B 25206-25274	Total/NA	Waste	TX_1005_S_Prep	
600-109297-8 - DL	Group 7	Total/NA	Waste	TX_1005_S_Prep	
LCS 600-159584/2-A	Lab Control Sample	Total/NA	Waste	TX_1005_S_Prep	
LCSD 600-159584/3-A	Lab Control Sample Dup	Total/NA	Waste	TX_1005_S_Prep	
MB 600-159584/1-A	Method Blank	Total/NA	Waste	TX_1005_S_Prep	

Prep Batch: 159723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-6 - DL	FT 1001	Total/NA	Waste	TX_1005_S_Prep	
600-109297-7	Group 6	Total/NA	Waste	TX_1005_S_Prep	
LCS 600-159723/2-A	Lab Control Sample	Total/NA	Waste	TX_1005_S_Prep	
LCSD 600-159723/3-A	Lab Control Sample Dup	Total/NA	Waste	TX_1005_S_Prep	
MB 600-159723/1-A	Method Blank	Total/NA	Waste	TX_1005_S_Prep	

Analysis Batch: 159768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-7	Group 6	Total/NA	Waste	TX 1005	159723
LCS 600-159723/2-A	Lab Control Sample	Total/NA	Waste	TX 1005	159723
LCSD 600-159723/3-A	Lab Control Sample Dup	Total/NA	Waste	TX 1005	159723
MB 600-159723/1-A	Method Blank	Total/NA	Waste	TX 1005	159723

Analysis Batch: 159769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-6 - DL	FT 1001	Total/NA	Waste	TX 1005	159723

Metals

Prep Batch: 159614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	7471A	
600-109297-6	FT 1001	Total/NA	Waste	7471A	
600-109297-7	Group 6	Total/NA	Waste	7471A	
600-109297-8	Group 7	Total/NA	Waste	7471A	
LCSSRM 600-159614/8-A ^50	Lab Control Sample	Total/NA	Waste	7471A	
MB 600-159614/7-A	Method Blank	Total/NA	Waste	7471A	

Leach Batch: 159616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-2	4047-PT2	TCLP	Waste	1311	
600-109297-2 MS	4047-PT2	TCLP	Waste	1311	
600-109297-7	Group 6	TCLP	Waste	1311	
600-109297-7 - DL	Group 6	TCLP	Waste	1311	
600-109297-7 MS	Group 6	TCLP	Waste	1311	

Metals (Continued)

Leach Batch: 159616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-7 MS - DL	Group 6	TCLP	Waste	1311	
600-109297-8	Group 7	TCLP	Waste	1311	
LB 600-159616/1-B	Method Blank	TCLP	Waste	1311	
LB 600-159616/1-C	Method Blank	TCLP	Waste	1311	
LB 600-159616/1-E	Method Blank	TCLP	Waste	1311	
LB 600-159616/1-F	Method Blank	TCLP	Waste	1311	

Leach Batch: 159618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-159618/1-B	Method Blank	TCLP	Waste	1311	

Analysis Batch: 159669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	7471A	159614
600-109297-6	FT 1001	Total/NA	Waste	7471A	159614
600-109297-7	Group 6	Total/NA	Waste	7471A	159614
600-109297-8	Group 7	Total/NA	Waste	7471A	159614
LCSSRM 600-159614/8-A ^50	Lab Control Sample	Total/NA	Waste	7471A	159614
MB 600-159614/7-A	Method Blank	Total/NA	Waste	7471A	159614

Leach Batch: 159689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	1311	
600-109297-4 MS	B 25206-25274	TCLP	Waste	1311	
600-109297-6	FT 1001	TCLP	Waste	1311	
LB 600-159689/1-B	Method Blank	TCLP	Waste	1311	
LB 600-159689/1-D	Method Blank	TCLP	Waste	1311	

Prep Batch: 159719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-2	4047-PT2	TCLP	Waste	7470A	159616
600-109297-2 MS	4047-PT2	TCLP	Waste	7470A	159616
600-109297-8	Group 7	TCLP	Waste	7470A	159616
LB 600-159616/1-B	Method Blank	TCLP	Waste	7470A	159616
LB 600-159618/1-B	Method Blank	TCLP	Waste	7470A	159618
LCS 600-159719/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	
MB 600-159719/7-A	Method Blank	Total/NA	Waste	7470A	

Prep Batch: 159721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-2	4047-PT2	TCLP	Waste	3010A	159616
600-109297-2 MS	4047-PT2	TCLP	Waste	3010A	159616
600-109297-8	Group 7	TCLP	Waste	3010A	159616
LB 600-159616/1-C	Method Blank	TCLP	Waste	3010A	159616
LCS 600-159721/2-A	Lab Control Sample	Total/NA	Waste	3010A	
MB 600-159721/1-A	Method Blank	Total/NA	Waste	3010A	

Analysis Batch: 159760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-2	4047-PT2	TCLP	Waste	6010B	159721
600-109297-2 MS	4047-PT2	TCLP	Waste	6010B	159721

Metals (Continued)

Analysis Batch: 159760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-8	Group 7	TCLP	Waste	6010B	159721
LB 600-159616/1-C	Method Blank	TCLP	Waste	6010B	159721
LCS 600-159721/2-A	Lab Control Sample	Total/NA	Waste	6010B	159721
MB 600-159721/1-A	Method Blank	Total/NA	Waste	6010B	159721

Analysis Batch: 159773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-2	4047-PT2	TCLP	Waste	7470A	159719
600-109297-2 MS	4047-PT2	TCLP	Waste	7470A	159719
600-109297-8	Group 7	TCLP	Waste	7470A	159719
LB 600-159616/1-B	Method Blank	TCLP	Waste	7470A	159719
LB 600-159618/1-B	Method Blank	TCLP	Waste	7470A	159719
LCS 600-159719/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	159719
MB 600-159719/7-A	Method Blank	Total/NA	Waste	7470A	159719

Prep Batch: 159774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	3010A	159689
600-109297-4 MS	B 25206-25274	TCLP	Waste	3010A	159689
600-109297-6	FT 1001	TCLP	Waste	3010A	159689
600-109297-7	Group 6	TCLP	Waste	3010A	159616
600-109297-7 - DL	Group 6	TCLP	Waste	3010A	159616
600-109297-7 MS - DL	Group 6	TCLP	Waste	3010A	159616
600-109297-7 MS	Group 6	TCLP	Waste	3010A	159616
LB 600-159616/1-E	Method Blank	TCLP	Waste	3010A	159616
LB 600-159689/1-B	Method Blank	TCLP	Waste	3010A	159689
LCS 600-159774/2-A	Lab Control Sample	Total/NA	Waste	3010A	
MB 600-159774/1-A	Method Blank	Total/NA	Waste	3010A	

Prep Batch: 159817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	7470A	159689
600-109297-4 MS	B 25206-25274	TCLP	Waste	7470A	159689
600-109297-6	FT 1001	TCLP	Waste	7470A	159689
600-109297-7	Group 6	TCLP	Waste	7470A	159616
600-109297-7 MS	Group 6	TCLP	Waste	7470A	159616
LB 600-159616/1-F	Method Blank	TCLP	Waste	7470A	159616
LB 600-159689/1-D	Method Blank	TCLP	Waste	7470A	159689
LCS 600-159817/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	
MB 600-159817/7-A	Method Blank	Total/NA	Waste	7470A	

Analysis Batch: 159859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	7470A	159817
600-109297-4 MS	B 25206-25274	TCLP	Waste	7470A	159817
600-109297-6	FT 1001	TCLP	Waste	7470A	159817
600-109297-7	Group 6	TCLP	Waste	7470A	159817
600-109297-7 MS	Group 6	TCLP	Waste	7470A	159817
LB 600-159616/1-F	Method Blank	TCLP	Waste	7470A	159817
LB 600-159689/1-D	Method Blank	TCLP	Waste	7470A	159817
LCS 600-159817/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	159817

Metals (Continued)

Analysis Batch: 159859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 600-159817/7-A	Method Blank	Total/NA	Waste	7470A	159817

Analysis Batch: 159863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	TCLP	Waste	6010B	159774
600-109297-4 MS	B 25206-25274	TCLP	Waste	6010B	159774
600-109297-6	FT 1001	TCLP	Waste	6010B	159774
600-109297-7	Group 6	TCLP	Waste	6010B	159774
600-109297-7 - DL	Group 6	TCLP	Waste	6010B	159774
600-109297-7 MS	Group 6	TCLP	Waste	6010B	159774
600-109297-7 MS - DL	Group 6	TCLP	Waste	6010B	159774
LB 600-159616/1-E	Method Blank	TCLP	Waste	6010B	159774
LB 600-159689/1-B	Method Blank	TCLP	Waste	6010B	159774
LCS 600-159774/2-A	Lab Control Sample	Total/NA	Waste	6010B	159774
MB 600-159774/1-A	Method Blank	Total/NA	Waste	6010B	159774

Prep Batch: 240155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	3051A	
LCS 490-240155/2-A	Lab Control Sample	Total/NA	Waste	3051A	
MB 490-240155/1-A	Method Blank	Total/NA	Waste	3051A	

Prep Batch: 240168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-13	FT 1001	Total/NA	Water	3010A	
600-109297-14	Group 6	Total/NA	Water	3010A	
600-109297-15	Group 7	Total/NA	Water	3010A	
LCS 490-240168/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 490-240168/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 490-240168/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 240277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	6010B	240155
LCS 490-240155/2-A	Lab Control Sample	Total/NA	Waste	6010B	240155
MB 490-240155/1-A	Method Blank	Total/NA	Waste	6010B	240155

Analysis Batch: 240948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-13	FT 1001	Total/NA	Water	6010B	240168
600-109297-13	FT 1001	Total/NA	Water	6010B	240168
600-109297-14	Group 6	Total/NA	Water	6010B	240168
600-109297-14	Group 6	Total/NA	Water	6010B	240168
600-109297-15	Group 7	Total/NA	Water	6010B	240168
600-109297-15	Group 7	Total/NA	Water	6010B	240168
LCS 490-240168/2-A	Lab Control Sample	Total/NA	Water	6010B	240168
LCSD 490-240168/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	240168
MB 490-240168/1-A	Method Blank	Total/NA	Water	6010B	240168

General Chemistry

Analysis Batch: 114700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	D1796	
600-109297-6	FT 1001	Total/NA	Waste	D1796	
600-109297-7	Group 6	Total/NA	Waste	D1796	
600-109297-8	Group 7	Total/NA	Waste	D1796	

Prep Batch: 159871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	7.3.4	
600-109297-6	FT 1001	Total/NA	Waste	7.3.4	
600-109297-7	Group 6	Total/NA	Waste	7.3.4	
600-109297-7 DU	Group 6	Total/NA	Waste	7.3.4	
600-109297-7 MS	Group 6	Total/NA	Waste	7.3.4	
600-109297-7 MS	Group 6	Total/NA	Waste	7.3.4	
600-109297-8	Group 7	Total/NA	Waste	7.3.4	
LCS 600-159871/2-A ^20	Lab Control Sample	Total/NA	Waste	7.3.4	
LCS 600-159871/3-A	Lab Control Sample	Total/NA	Waste	7.3.4	
MB 600-159871/1-A	Method Blank	Total/NA	Waste	7.3.4	

Analysis Batch: 159901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	9040B	
600-109297-6	FT 1001	Total/NA	Waste	9040B	
600-109297-7	Group 6	Total/NA	Waste	9040B	
600-109297-8	Group 7	Total/NA	Waste	9040B	
LCS 600-159901/1	Lab Control Sample	Total/NA	Waste	9040B	

Analysis Batch: 159908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	9034	159871
600-109297-6	FT 1001	Total/NA	Waste	9034	159871
600-109297-7	Group 6	Total/NA	Waste	9034	159871
600-109297-7 DU	Group 6	Total/NA	Waste	9034	159871
600-109297-7 MS	Group 6	Total/NA	Waste	9034	159871
600-109297-8	Group 7	Total/NA	Waste	9034	159871
LCS 600-159871/3-A	Lab Control Sample	Total/NA	Waste	9034	159871
MB 600-159871/1-A	Method Blank	Total/NA	Waste	9034	159871

Analysis Batch: 159911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	9012	159871
600-109297-6	FT 1001	Total/NA	Waste	9012	159871
600-109297-7	Group 6	Total/NA	Waste	9012	159871
600-109297-7 DU	Group 6	Total/NA	Waste	9012	159871
600-109297-7 MS	Group 6	Total/NA	Waste	9012	159871
600-109297-8	Group 7	Total/NA	Waste	9012	159871
LCS 600-159871/2-A ^20	Lab Control Sample	Total/NA	Waste	9012	159871
MB 600-159871/1-A	Method Blank	Total/NA	Waste	9012	159871

Analysis Batch: 159993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	1010	

General Chemistry (Continued)

Analysis Batch: 159993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-6	FT 1001	Total/NA	Waste	1010	
600-109297-7	Group 6	Total/NA	Waste	1010	
600-109297-8	Group 7	Total/NA	Waste	1010	
LCS 600-159993/2	Lab Control Sample	Total/NA	Waste	1010	
MB 600-159993/1	Method Blank	Total/NA	Waste	1010	

Prep Batch: 175353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	9023	
600-109297-6	FT 1001	Total/NA	Waste	9023	
600-109297-7	Group 6	Total/NA	Waste	9023	
600-109297-8	Group 7	Total/NA	Waste	9023	
LCS 240-175353/4-A	Lab Control Sample	Total/NA	Waste	9023	
MB 240-175353/3-A	Method Blank	Total/NA	Waste	9023	

Analysis Batch: 175596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-109297-4	B 25206-25274	Total/NA	Waste	9023	175353
600-109297-6	FT 1001	Total/NA	Waste	9023	175353
600-109297-7	Group 6	Total/NA	Waste	9023	175353
600-109297-8	Group 7	Total/NA	Waste	9023	175353
LCS 240-175353/4-A	Lab Control Sample	Total/NA	Waste	9023	175353
MB 240-175353/3-A	Method Blank	Total/NA	Waste	9023	175353

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: 4046-PT1

Lab Sample ID: 600-109297-1

Date Collected: 04/02/15 13:33
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 14:06	PJJ	TAL PIT
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	159749	04/08/15 10:50	SMB	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	159716	04/09/15 15:56	KP1	TAL HOU

Client Sample ID: 4047-PT2

Lab Sample ID: 600-109297-2

Date Collected: 04/02/15 10:03
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 11:44	PJJ	TAL PIT
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	159721	04/08/15 08:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	159760	04/08/15 16:36	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	159719	04/08/15 07:30	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	159773	04/08/15 11:43	SCG	TAL HOU

Client Sample ID: 4048--PT3

Lab Sample ID: 600-109297-3

Date Collected: 04/02/15 10:37
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 12:14	PJJ	TAL PIT
Total/NA	Prep	3580A			1.06 g	10.0 mL	160086	04/13/15 15:08	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.06 g	10.0 mL	160102	04/14/15 11:16	KP1	TAL HOU

Client Sample ID: B 25206-25274

Lab Sample ID: 600-109297-4

Date Collected: 04/02/15 12:59
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 12:42	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	159628	04/07/15 10:00	KLV	TAL HOU
Total/NA	Analysis	8260B		2	1 g	10 mL	159629	04/07/15 16:44	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	5.0 mL	159777	04/08/15 14:17	RLK	TAL HOU
TCLP	Analysis	8270C		20	200 mL	5.0 mL	159916	04/10/15 09:16	KP1	TAL HOU
TCLP	Leach	1311	DL		1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU

Client Sample ID: B 25206-25274

Lab Sample ID: 600-109297-4

Date Collected: 04/02/15 12:59

Matrix: Waste

Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3510C	DL		200 mL	5.0 mL	159777	04/08/15 14:17	RLK	TAL HOU
TCLP	Analysis	8270C	DL	200	200 mL	5.0 mL	159916	04/10/15 12:22	KP1	TAL HOU
Total/NA	Prep	3580A			1.09 g	10.0 mL	159673	04/07/15 14:47	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.09 g	10.0 mL	159717	04/08/15 12:54	KP1	TAL HOU
Total/NA	Prep	3580A	DL		1.09 g	10.0 mL	159673	04/07/15 14:47	RLK	TAL HOU
Total/NA	Analysis	8270C	DL	50	1.09 g	10.0 mL	159717	04/08/15 14:00	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	159584	04/06/15 15:43	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	50	01.00 g	10.00 mL	159577	04/07/15 05:52	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	159774	04/08/15 13:32	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	159863	04/09/15 11:52	DCL	TAL HOU
Total/NA	Prep	3051A			0.508 g	100 mL	240155	04/09/15 14:00	TDP	TAL NSH
Total/NA	Analysis	6010B		1	0.508 g	100 mL	240277	04/10/15 02:54	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	7470A			4 mL	40 mL	159817	04/09/15 06:21	SCG	TAL HOU
TCLP	Analysis	7470A		1	4 mL	40 mL	159859	04/09/15 10:40	SCG	TAL HOU
Total/NA	Prep	7471A			0.60 g	50 mL	159614	04/07/15 09:35	SCG	TAL HOU
Total/NA	Analysis	7471A		10	0.60 g	50 mL	159669	04/07/15 13:57	SCG	TAL HOU
Total/NA	Analysis	1010		1			159993	04/10/15 07:20	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.10 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.10 g	250 mL	159911	04/09/15 23:46	EAS	TAL HOU
Total/NA	Prep	9023			2.02 g	10 mL	175353	04/08/15 05:29	LKG	TAL CAN
Total/NA	Analysis	9023		1	2.02 g	10 mL	175596	04/08/15 10:40	TPH	TAL CAN
Total/NA	Prep	7.3.4			10.10 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9034		1	10.10 g	250 mL	159908	04/09/15 23:35	EAS	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	159901	04/09/15 15:15	MJB	TAL HOU
Total/NA	Analysis	D1796		1	50 mL	50 mL	114700	04/10/15 14:00	EDR	TAL CC

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-6

Date Collected: 04/02/15 15:33

Matrix: Waste

Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 13:10	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	159628	04/07/15 10:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	159629	04/07/15 17:08	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	159777	04/08/15 14:17	RLK	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	159916	04/10/15 10:18	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.00 g	10.00 mL	159723	04/08/15 09:42	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	10.00 g	10.00 mL	159769	04/09/15 08:19	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	159774	04/08/15 13:32	NER	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-6

Date Collected: 04/02/15 15:33
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Analysis	6010B		1	5 mL	50 mL	159863	04/09/15 11:57	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159689	04/07/15 18:30	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	159817	04/09/15 06:21	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	159859	04/09/15 10:47	SCG	TAL HOU
Total/NA	Prep	7471A			0.62 g	50 mL	159614	04/07/15 09:35	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.62 g	50 mL	159669	04/07/15 13:59	SCG	TAL HOU
Total/NA	Analysis	1010		1			159993	04/10/15 07:20	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.12 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.12 g	250 mL	159911	04/09/15 23:46	EAS	TAL HOU
Total/NA	Prep	9023			2.03 g	10 mL	175353	04/08/15 05:32	LKG	TAL CAN
Total/NA	Analysis	9023		1	2.03 g	10 mL	175596	04/08/15 11:06	TPH	TAL CAN
Total/NA	Prep	7.3.4			10.12 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9034		1	10.12 g	250 mL	159908	04/09/15 23:35	EAS	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	159901	04/09/15 15:15	MJB	TAL HOU
Total/NA	Analysis	D1796		1	50 mL	50 mL	114700	04/10/15 14:00	EDR	TAL CC

Client Sample ID: Group 6

Lab Sample ID: 600-109297-7

Date Collected: 04/02/15 15:49
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	137977	04/09/15 13:37	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	159628	04/07/15 10:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	159629	04/07/15 17:33	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	159749	04/08/15 12:04	SMB	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	159716	04/09/15 17:30	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep			10.00 g	10.00 mL	159723	04/08/15 09:42	NVP	TAL HOU
Total/NA	Analysis	TX 1005		1	10.00 g	10.00 mL	159768	04/08/15 22:30	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	159774	04/08/15 13:32	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	159863	04/09/15 12:09	DCL	TAL HOU
TCLP	Leach	1311	DL		1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3010A	DL		5 mL	50 mL	159774	04/08/15 13:32	NER	TAL HOU
TCLP	Analysis	6010B	DL	10	5 mL	50 mL	159863	04/09/15 14:47	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	7470A			4 mL	40 mL	159817	04/09/15 06:21	SCG	TAL HOU
TCLP	Analysis	7470A		1	4 mL	40 mL	159859	04/09/15 10:51	SCG	TAL HOU
Total/NA	Prep	7471A			0.64 g	50 mL	159614	04/07/15 09:35	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.64 g	50 mL	159669	04/07/15 14:01	SCG	TAL HOU
Total/NA	Analysis	1010		1			159993	04/10/15 07:20	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.09 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.09 g	250 mL	159911	04/09/15 23:46	EAS	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: Group 6

Lab Sample ID: 600-109297-7

Date Collected: 04/02/15 15:49
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9023			2.00 g	10 mL	175353	04/08/15 05:31	LKG	TAL CAN
Total/NA	Analysis	9023		1	2.00 g	10 mL	175596	04/08/15 11:00	TPH	TAL CAN
Total/NA	Prep	7.3.4			10.09 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9034		1	10.09 g	250 mL	159908	04/09/15 23:35	EAS	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	159901	04/09/15 15:15	MJB	TAL HOU
Total/NA	Analysis	D1796		1	50 mL	50 mL	114700	04/10/15 14:00	EDR	TAL CC

Client Sample ID: Group 7

Lab Sample ID: 600-109297-8

Date Collected: 04/02/15 16:14
Matrix: Waste
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	137873	04/08/15 10:01	SLM	TAL PIT
TCLP	Analysis	8260B		20	0.125 mL	5 mL	137977	04/09/15 10:47	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	159628	04/07/15 10:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	159629	04/07/15 17:57	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	159749	04/08/15 10:50	SMB	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	159716	04/09/15 16:59	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	159584	04/06/15 15:43	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	2	01.00 g	10.00 mL	159578	04/07/15 09:08	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	159721	04/08/15 08:40	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	159760	04/08/15 16:40	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	159616	04/06/15 23:00	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	159719	04/08/15 07:30	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	159773	04/08/15 11:46	SCG	TAL HOU
Total/NA	Prep	7471A			0.64 g	50 mL	159614	04/07/15 09:35	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.64 g	50 mL	159669	04/07/15 14:03	SCG	TAL HOU
Total/NA	Analysis	1010		1			159993	04/10/15 07:20	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.04 g	250 mL	159911	04/09/15 23:46	EAS	TAL HOU
Total/NA	Prep	9023			2.00 g	10 mL	175353	04/08/15 05:34	LKG	TAL CAN
Total/NA	Analysis	9023		1	2.00 g	10 mL	175596	04/08/15 11:14	TPH	TAL CAN
Total/NA	Prep	7.3.4			10.04 g	250 mL	159871	04/09/15 08:00	MJB	TAL HOU
Total/NA	Analysis	9034		1	10.04 g	250 mL	159908	04/09/15 23:35	EAS	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	159901	04/09/15 15:15	MJB	TAL HOU
Total/NA	Analysis	D1796		1	50 mL	50 mL	114700	04/10/15 14:00	EDR	TAL CC

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Client Sample ID: FT 1001

Lab Sample ID: 600-109297-13

Date Collected: 04/02/15 15:33
Matrix: Water
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			50 mL	1.5 mL	159777	04/08/15 14:17	RLK	TAL HOU
Total/NA	Analysis	8270C		20	50 mL	1.5 mL	159916	04/10/15 10:50	KP1	TAL HOU
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		10	50 mL	50 mL	240948	04/13/15 14:11	ADN	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	240948	04/13/15 14:38	ADN	TAL NSH

Client Sample ID: Group 6

Lab Sample ID: 600-109297-14

Date Collected: 04/02/15 15:49
Matrix: Water
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			200 mL	1.0 mL	159777	04/08/15 14:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	200 mL	1.0 mL	159916	04/10/15 11:21	KP1	TAL HOU
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		10	50 mL	50 mL	240948	04/13/15 14:15	ADN	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		100	50 mL	50 mL	240948	04/13/15 14:45	ADN	TAL NSH

Client Sample ID: Group 7

Lab Sample ID: 600-109297-15

Date Collected: 04/02/15 16:14
Matrix: Water
Date Received: 04/02/15 17:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			50 mL	1.0 mL	159777	04/08/15 14:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	50 mL	1.0 mL	159916	04/10/15 11:52	KP1	TAL HOU
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		10	50 mL	50 mL	240948	04/13/15 14:20	ADN	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	240168	04/09/15 14:17	TSC	TAL NSH
Total/NA	Analysis	6010B		500	50 mL	50 mL	240948	04/13/15 15:22	ADN	TAL NSH

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Certification Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Laboratory: TestAmerica Houston

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704223	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B	5030B	Waste	1,2-Dichloroethene, Total
8270C	3510C	Water	3 & 4 Methylphenol
9012	7.3.4	Waste	Cyanide, Reactive
9034	7.3.4	Waste	Sulfide, Reactive
TX 1005	TX_1005_S_Prep	Waste	>C12-C28
TX 1005	TX_1005_S_Prep	Waste	>C28-C35
TX 1005	TX_1005_S_Prep	Waste	C6-C12

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-15 *
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	04-30-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-15 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

Laboratory: TestAmerica Corpus Christi

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704210	03-31-16 *

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704077	08-31-15

* Certification renewal pending - certification considered valid.

Certification Summary

Client: CB&I Federal Services LLC
Project/Site: CB&I Federal Services LLC . WC

TestAmerica Job ID: 600-109297-1

Laboratory: TestAmerica Nashville (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Texas	NELAP	6	T104704077	08-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010B	3010A	Water	Sulfur
6010B	3051A	Waste	Sulfur

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15
California	State Program	9	2891	03-31-16
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-15
Illinois	NELAP	5	002602	06-30-15
Kansas	NELAP	7	E-10350	04-30-15 *
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-16
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-16
North Carolina (WW/SW)	State Program	4	434	12-31-15
Pennsylvania	NELAP	3	02-00416	04-30-15 *
South Carolina	State Program	4	89014	04-30-15 *
Texas	NELAP	6	T104704528	03-31-16
US Fish & Wildlife	Federal		LE94312A-1	11-30-15
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	STLP	05-31-15
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-16
Wisconsin	State Program	5	998027800	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Houston
6310 Rothway Street
Houston, TX 77040
Phone (713) 690-4444 Fax (713) 690-5646

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Daniel Tighe	Lab PM: Joiner, Dean A	Carrier Tracking No(s):	COC No: 600-32414-10868.1
Client Contact:	Phone: 713.397.1550	E-Mail: dean.joiner@testamericainc.com		Page: Page
Company: CB&I Federal Services LLC				Job #:
Address: PO BOX 98519	Due Date Requested:			
City: Baton Rouge	TAT Requested (days): 5 WD Level 2			
State, Zip: LA 70884				
Phone: 469-446-8408	PO #: Purchase Order Requested			
Email: leroy.cassidey@CBIFederalServices.com	WO #: Contract EP-S6-07-02 Task Order 62			
CB&I Federal Services LLC .– Houston	Project #: 23 *** 60005819			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCLP VOA	TCLP SVOA	TCLP Metals RCRA and Na	RCI	TPH , TOX	Total VOA	Total SVOA	Total Metals + Sulphur + Na	TSS, % Water	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	N	N		
4046-PT1	4.2.15	1333	G	Liquid			X	X								2	
4047-PT2		1003	G	Liquid			X		X							2	
4048--PT3		1037	G	Liquid			X	X								2	
B 25206-2527/14		1259		Sludge			X	X	X	X	X	X	X	X	X	2	
Carbon Unit		0952	G	Solid			X	X								1	
FT 1001		1533	G	Liquid			X	X	X	X	X	X	X	X	X	17	
Group 6		1549	G	Liquid			X	X	X	X	X	X	X	X	X	17	
Group 7		1614	G	Liquid			X	X	X	X	X	X	X	X	X	17	

600-109297 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Company
	4.2.15 / 1627			
Relinquished by:	Date/Time:	Company	Received by:	Company
Relinquished by:	Date/Time:	Company	Received by:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

TestAmerica Houston

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 600
109297 Receipt Checklist

Date/Time Received: _____

JOB NUMBER: _____ CLIENT: CBI

UNPACKED BY: _____ CARRIER/DRIVER: Apple

Custody Seal Present: ☒ YES ☐ NO Number of Coolers Received: 4

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Them CF	Corrected Temp (°C)
BW	Y / N	Y / N	1.7	608	-.1	1.6
BW	Y / N	Y / N	1.0			0.9
BW	Y / N	Y / N	1.9			1.8
BW	Y / N	Y / N	2.4			2.3
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				

CF = correction factor

Samples received on ice? ☒ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☒ NO ☐ YES

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

pH paper Lot # Waste Sample - pH paper ineffective

VOA headspace acceptable (5-6mm): ☐ YES ☐ NO ☒ NA

	YES	NO
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓	

COMMENTS:

4/3/15

Custody Seal 4/2/15
DATE
SIGNATURE

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THE LEADER IN ENVIRONMENTAL TESTING
150919

Custody Seal 4/2/15
DATE
SIGNATURE

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151053

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
150919

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
151053

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-109297-1

Login Number: 109297

List Source: TestAmerica Houston

List Number: 1

Creator: Sundquist, Sean V

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	606
Cooler Temperature is recorded.	True	1.6/0.9/1.8/2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	False	Waste samples; pH paper ineffective
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-109297-1

Login Number: 109297
List Number: 2
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi
List Creation: 04/07/15 10:40 AM

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

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-109297-1

Login Number: 109297
List Number: 6
Creator: Buckingham, Paul

List Source: TestAmerica Nashville
List Creation: 04/09/15 11:26 AM

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

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-109297-1

Login Number: 109297
List Number: 3
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/07/15 01:38 PM

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

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-109297-1

Login Number: 109297
List Number: 4
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 04/07/15 01:39 PM

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