TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 600-107836-1
Client Project/Site: CB&I Federal Services LLC . .– Houston
Revision: 1

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Authorized for release by:
3/25/2015 2:06:03 PM

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

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

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Job ID: 600-107836-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-107836-1

Comments
This report was revised on March 25, 2015 updating the semi volatile data for sample 600-107836 to report of a 20 x dilution.

Receipt
The samples were received on 3/9/2015 4:09 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

Except:

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

Method(s) SM 2540D: The following samples cannot be analyzed for TSS, because the samples are waste:

VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3), VB 2564-T108 (600-107836-1)

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: (600-107836-1), VB 2564-T108 (600-107836-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Internal standard (ISTD) response for TBA d9 for the following sample(s) was outside acceptance criteria: (600-107836-1), (600-107836-2), (600-107836-3), (600-107836-4), (MB 180-135829/5), VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3), VB 2564-T108 (600-107836-1). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method(s) 8260B: The following sample was diluted due to the nature of the sample matrix: VB 2564-T108 (600-107836-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 600-157726 recovered outside control limits for the following analytes: 1,1,1-Trichloroethane, 1,2-Dichloropropane, Chloroform, cis-1,3-Dichloropropene, and trans-1,3-Dichloropropene.. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 600-157726 recovered outside control limits for the following analyte: Carbon tetrachloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The method blank for batch 600-157726 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: Surrogate recovery for the following sample was outside control limits: VB 2564-T108 (600-107836-1). Surrogate diluted out.

Method(s) 8260B: The following sample was diluted due to the nature of the sample matrix: VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: VB 25315 --T7T8T11T10T9T4 (600-107836-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3). Evidence of matrix interference is present.

Job ID: 600-107836-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

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(s) required a dilution due to the nature of the sample matrix: VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3), VB 2564-T108 (600-107836-1). 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(s) was diluted due to the nature of the sample matrix: VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3), VB 2564-T108 (600-107836-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample(s) required a dilution due to the nature of the sample matrix: (600-107836-1 MS), (600-107836-2 MS), VB 25203-T1T11T3 (600-107836-2), VB 2564-T108 (600-107836-1). 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(s) was diluted due to the nature of the sample matrix: (600-107836-1 MS), (600-107836-2 MS), VB 25203-T1T11T3 (600-107836-2), VB 2564-T108 (600-107836-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: (600-107836-1 MS), (600-107836-2 MS). As such, surrogate and MS spike recoveries were diluted out and are not reported.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: (600-107836-3 MS), VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25315 --T7T8T11T10T9T4 (600-107836-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike (MS) recoveries for batch 157864 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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(s) was diluted due to the nature of the sample matrix: VB 25146-FT1DO1FT215012WMU (600-107836-4), VB 25203-T1T11T3 (600-107836-2), VB 25315 --T7T8T11T10T9T4 (600-107836-3), VB 2564-T108 (600-107836-1). 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 method blank for batch 233045 contained sodium 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 157764 contained Arsenic, Barium, Cadmium, 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 157877 contained 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 leachate blank for batch 157765 contained Silver, Barium, Cadmium, 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.

Job ID: 600-107836-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

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

General Chemistry
No analytical or quality issues were noted, other than those described 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: Due to the matrix, the following sample(s) could not be concentrated to the final method required volume: (600-107836-1 MS), VB 2564-T108 (600-107836-1). The reporting limits (RLs) are elevated proportionately.

Method(s) 3510C: The following sample(s) formed emulsions during the extraction procedure: (600-107836-1 MS), (600-107836-2 MS), VB 25203-T1T11T3 (600-107836-2), VB 2564-T108 (600-107836-1). The emulsions were broken up using cetrifuge.

Method(s) 3510C, 625: Insufficient sample volume was not available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 157864 .

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 . .– Houston

TestAmerica Job ID: 600-107836-1

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 NSH
6010B	Metals (ICP)	SW846	TAL HOU
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 . .– Houston

TestAmerica Job ID: 600-107836-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-107836-1	VB 2564-T108	Waste	03/09/15 11:26	03/09/15 16:09
600-107836-2	VB 25203-T1T11T3	Waste	03/09/15 11:42	03/09/15 16:09
600-107836-3	VB 25315 --T7T8T11T10T9T4	Waste	03/09/15 11:53	03/09/15 16:09
600-107836-4	VB 25146-FT1DO1FT215012WMU	Waste	03/09/15 12:06	03/09/15 16:09

Client Sample Results

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

TestAmerica Job ID: 600-107836-1

Client Sample ID: VB 2564-T108

Date Collected: 03/09/15 11:26
Date Received: 03/09/15 16:09

Lab Sample ID: 600-107836-1

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**248**		100	16.6	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Benzene	**70.4**		50.0	6.30	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Chlorobromomethane	17.8	U	50.0	17.8	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Methane, tribromo-	13.7	U	50.0	13.7	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Bromomethane	8.30	U	100	8.30	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
2-Butanone (MEK)	19.0	U	100	19.0	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Carbon disulfide	5.50	U	100	5.50	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Carbon tetrachloride	11.3	U *	50.0	11.3	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Dibromochloromethane	9.40	U	50.0	9.40	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Chlorobenzene	9.60	U	50.0	9.60	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Chloroethane	14.0	U	100	14.0	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Chloroform	6.60	U *	50.0	6.60	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Chloromethane	16.6	U	100	16.6	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,1-Dichloroethane	8.70	U	50.0	8.70	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,2-Dichloroethane	9.00	U	50.0	9.00	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,1-Dichloroethene	12.2	U	50.0	12.2	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
cis-1,2-Dichloroethene	8.30	U	50.0	8.30	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
trans-1,2-Dichloroethene	11.4	U	50.0	11.4	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,2-Dichloropropane	7.10	U *	50.0	7.10	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
cis-1,3-Dichloropropene	5.40	U *	50.0	5.40	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
trans-1,3-Dichloropropene	5.80	U *	50.0	5.80	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Ethylbenzene	**130**		50.0	10.2	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
2-Hexanone	10.1	U	100	10.1	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Methylene Chloride	**26.8**	**J B**	100	21.9	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
4-Methyl-2-pentanone (MIBK)	14.7	U	100	14.7	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Styrene	7.10	U	50.0	7.10	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,1,2,2-Tetrachloroethane	8.70	U	50.0	8.70	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Tetrachloroethene	7.10	U	50.0	7.10	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Toluene	**472**		50.0	13.8	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,1,1-Trichloroethane	7.40	U *	50.0	7.40	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,1,2-Trichloroethane	7.30	U	400	7.30	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Trichloroethene	14.0	U	50.0	14.0	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Vinyl acetate	9.30	U	100	9.30	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Vinyl chloride	9.00	U	100	9.00	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
o-Xylene	**287**		50.0	11.3	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
m-Xylene & p-Xylene	**872**		50.0	15.2	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Xylenes, Total	**1160**		50.0	11.3	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
Bromodichloromethane	6.60	U	50.0	6.60	mg/Kg		03/11/15 15:00	03/11/15 21:52	20
1,2-Dichloroethene, Total	19.0	U	100	19.0	mg/Kg		03/11/15 15:00	03/11/15 21:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*6*	*X*	*50 - 130*	*03/11/15 15:00*	*03/11/15 21:52*	*20*
Dibromofluoromethane	*134*		*68 - 140*	*03/11/15 15:00*	*03/11/15 21:52*	*20*
4-Bromofluorobenzene	*52*	*X*	*57 - 140*	*03/11/15 15:00*	*03/11/15 21:52*	*20*
1,2-Dichloroethane-d4 (Surr)	*0*	*X*	*61 - 130*	*03/11/15 15:00*	*03/11/15 21:52*	*20*

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			03/18/15 12:33	20
2-Butanone (MEK)	**32.2**		4.00	0.867	mg/L			03/18/15 12:33	20

Client Sample ID: VB 2564-T108

Date Collected: 03/09/15 11:26
Date Received: 03/09/15 16:09

Lab Sample ID: 600-107836-1

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.867	U	4.00	0.867	mg/L			03/18/15 12:33	20
Chlorobenzene	0.421	U	4.00	0.421	mg/L			03/18/15 12:33	20
Chloroform	0.806	U	4.00	0.806	mg/L			03/18/15 12:33	20
1,2-Dichloroethane	0.767	U	4.00	0.767	mg/L			03/18/15 12:33	20
1,1-Dichloroethene	0.853	U	4.00	0.853	mg/L			03/18/15 12:33	20
Tetrachloroethene	0.660	U	4.00	0.660	mg/L			03/18/15 12:33	20
Trichloroethene	0.641	U	4.00	0.641	mg/L			03/18/15 12:33	20
Vinyl chloride	1.03	U	4.00	1.03	mg/L			03/18/15 12:33	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*75 - 120*		*03/18/15 12:33*	*20*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*03/18/15 12:33*	*20*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 123*		*03/18/15 12:33*	*20*
Toluene-d8 (Surr)	*88*		*80 - 120*		*03/18/15 12:33*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	545	U	952	545	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Acenaphthylene	555	U	952	555	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Anthracene	598	U	952	598	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzidine	2380	U	9520	2380	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzo[a]anthracene	598	U	952	598	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzo[b]fluoranthene	55.8	U	952	55.8	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzo[k]fluoranthene	84.8	U	952	84.8	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzo[g,h,i]perylene	506	U	952	506	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzo[a]pyrene	534	U	952	534	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Bis(2-chloroethoxy)methane	537	U	952	537	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Bis(2-chloroethyl)ether	95.1	U	952	95.1	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Bis(2-ethylhexyl) phthalate	577	U	952	577	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Bromophenyl phenyl ether	577	U	952	577	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Butyl benzyl phthalate	579	U	952	579	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Chloroaniline	190	U	952	190	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Chloronaphthalene	620	U	952	620	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Chlorophenyl phenyl ether	572	U	952	572	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Carbazole	588	U	952	588	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Chrysene	582	U	952	582	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Di-n-butyl phthalate	614	U	952	614	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Dibenz(a,h)anthracene	548	U	952	548	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Dibenzofuran	567	U	952	567	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
1,2-Dichlorobenzene	75.8	U	952	75.8	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
1,3-Dichlorobenzene	514	U	952	514	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
1,4-Dichlorobenzene	66.5	U	952	66.5	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
3,3'-Dichlorobenzidine	183	U	1900	183	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Diethyl phthalate	589	U	952	589	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Dimethyl phthalate	576	U	952	576	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4-Dinitrotoluene	94.9	U	952	94.9	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,6-Dinitrotoluene	605	U	952	605	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Di-n-octyl phthalate	616	U	952	616	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Fluoranthene	608	U	952	608	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Fluorene	586	U	952	586	mg/Kg		03/10/15 09:17	03/11/15 04:51	10

Client Sample ID: VB 2564-T108

Date Collected: 03/09/15 11:26
Date Received: 03/09/15 16:09

Lab Sample ID: 600-107836-1

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	600	U	952	600	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Hexachlorocyclopentadiene	64.2	U	952	64.2	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Hexachloroethane	86.3	U	952	86.3	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Hexachlorobutadiene	97.8	U	952	97.8	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Indeno[1,2,3-cd]pyrene	522	U	952	522	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Isophorone	559	U	952	559	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Methylnaphthalene	545	U	952	545	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Naphthalene	**314**	**J**	952	55.7	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Nitroaniline	561	U	4620	561	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
3-Nitroaniline	611	U	4620	611	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Nitroaniline	520	U	4620	520	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Nitrobenzene	137	U	952	137	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
N-Nitrosodimethylamine	275	U	952	275	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
N-Nitrosodiphenylamine	91.0	U	952	91.0	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
N-Nitrosodi-n-propylamine	82.5	U	952	82.5	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Phenanthrene	586	U	952	586	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Pyrene	637	U	952	637	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
1,2,4-Trichlorobenzene	608	U	952	608	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Benzyl alcohol	180	U	952	180	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Chloro-3-methylphenol	554	U	952	554	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Chlorophenol	67.2	U	952	67.2	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Methylphenol	109	U	952	109	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
3 & 4 Methylphenol	86.7	U	1900	86.7	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4-Dichlorophenol	527	U	952	527	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4-Dimethylphenol	183	U	952	183	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4,6-Dinitro-2-methylphenol	596	U	4620	596	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4-Dinitrophenol	369	U	4620	369	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2-Nitrophenol	519	U	952	519	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
4-Nitrophenol	519	U	4620	519	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Pentachlorophenol	63.8	U	4620	63.8	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
Phenol	108	U	952	108	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4,5-Trichlorophenol	179	U	952	179	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
2,4,6-Trichlorophenol	520	U	952	520	mg/Kg		03/10/15 09:17	03/11/15 04:51	10
bis (2-Chloroisopropyl) ether	99.9	U	952	99.9	mg/Kg		03/10/15 09:17	03/11/15 04:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*
2-Fluorophenol	*0*	*X*	*45 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*
Terphenyl-d14	*0*	*X*	*51 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*03/10/15 09:17*	*03/11/15 04:51*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	1.33	U F1	7.50	1.33	mg/L		03/13/15 07:47	03/16/15 09:53	50
2,4-Dinitrotoluene	1.97	U F1	7.50	1.97	mg/L		03/13/15 07:47	03/16/15 09:53	50
2,4,5-Trichlorophenol	2.04	U F1	7.50	2.04	mg/L		03/13/15 07:47	03/16/15 09:53	50
2,4,6-Trichlorophenol	1.94	U F1	7.50	1.94	mg/L		03/13/15 07:47	03/16/15 09:53	50
2-Methylphenol	**1.81**	**J**	7.50	1.36	mg/L		03/13/15 07:47	03/16/15 09:53	50

Client Sample ID: VB 2564-T108

Date Collected: 03/09/15 11:26
Date Received: 03/09/15 16:09

Lab Sample ID: 600-107836-1
Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	**4.14**	**J**	15.0	1.41	mg/L		03/13/15 07:47	03/16/15 09:53	50
Hexachlorobenzene	1.94	U F1	7.50	1.94	mg/L		03/13/15 07:47	03/16/15 09:53	50
Hexachlorobutadiene	1.59	U F1	7.50	1.59	mg/L		03/13/15 07:47	03/16/15 09:53	50
Hexachloroethane	1.65	U F1	7.50	1.65	mg/L		03/13/15 07:47	03/16/15 09:53	50
Nitrobenzene	1.86	U F1	7.50	1.86	mg/L		03/13/15 07:47	03/16/15 09:53	50
Pentachlorophenol	3.47	U F1	37.5	3.47	mg/L		03/13/15 07:47	03/16/15 09:53	50
Pyridine	1.62	U F1	7.50	1.62	mg/L		03/13/15 07:47	03/16/15 09:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*35 - 130*	*03/13/15 07:47*	*03/16/15 09:53*	*50*
2-Fluorophenol	*0*	*X*	*10 - 130*	*03/13/15 07:47*	*03/16/15 09:53*	*50*
2-Fluorobiphenyl	*0*	*X*	*41 - 130*	*03/13/15 07:47*	*03/16/15 09:53*	*50*
2,4,6-Tribromophenol	*0*	*X*	*12 - 138*	*03/13/15 07:47*	*03/16/15 09:53*	*50*
Terphenyl-d14	*0*	*X*	*43 - 130*	*03/13/15 07:47*	*03/16/15 09:53*	*50*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*	*03/13/15 07:47*	*03/16/15 09:53*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**17800**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 17:04	10
>C12-C28	**24200**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 17:04	10
>C28-C35	**11900**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 17:04	10
C6-C35	**53900**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 17:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*70 - 130*	*03/11/15 10:27*	*03/11/15 17:04*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.89**		1.96	0.884	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Barium	**181**		1.96	1.57	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Cadmium	**0.295**	**J**	0.982	0.0982	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Chromium	**17.8**		0.982	0.589	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Lead	**9.31**		0.982	0.491	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Selenium	**1.00**	**J**	1.96	0.982	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Silver	0.491	U	0.982	0.491	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Sodium	**1080**	**B**	196	98.2	mg/Kg		03/11/15 18:58	03/12/15 12:05	1
Sulfur	**3850**		49.1	19.6	mg/Kg		03/11/15 18:58	03/12/15 12:05	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0750**	**J B**	0.100	0.0328	mg/L		03/12/15 15:29	03/13/15 15:01	1
Barium	**0.173**	**J B**	0.200	0.0220	mg/L		03/12/15 15:29	03/13/15 15:01	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		03/12/15 15:29	03/13/15 15:01	1
Chromium	**0.184**	**B**	0.100	0.0155	mg/L		03/12/15 15:29	03/13/15 15:01	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/12/15 15:29	03/13/15 15:01	1
Selenium	0.0417	U	0.400	0.0417	mg/L		03/12/15 15:29	03/13/15 15:01	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/12/15 15:29	03/13/15 15:01	1

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		03/13/15 07:00	03/13/15 11:06	1

Client Sample Results

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

TestAmerica Job ID: 600-107836-1

Client Sample ID: VB 2564-T108

Lab Sample ID: 600-107836-1
Date Collected: 03/09/15 11:26
Matrix: Waste
Date Received: 03/09/15 16:09

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.10	B	0.170	0.0358	mg/Kg		03/12/15 07:09	03/12/15 09:06	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			03/12/15 07:45	1
Cyanide, Reactive	0.0847	U	0.248	0.0847	mg/Kg		03/12/15 10:45	03/13/15 14:48	1
Halogens, Extractable Organic	341		204	34.7	mg/Kg		03/13/15 07:25	03/13/15 13:53	1
Sulfide, Reactive	13.9	U	49.5	13.9	mg/Kg		03/12/15 10:45	03/12/15 10:45	1
pH	7.19		0.0100	0.0100	SU			03/13/15 14:10	1
Percent Water	48.0				%			03/13/15 14:30	1

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2
Date Collected: 03/09/15 11:42
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.38	J	5.00	0.830	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Benzene	0.943	J	2.50	0.315	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Methane, tribromo-	0.685	U	2.50	0.685	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
2-Butanone (MEK)	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Carbon disulfide	0.486	J	5.00	0.275	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Carbon tetrachloride	0.565	U *	2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Chloroform	1.18	J *	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,2-Dichloropropane	0.355	U *	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
cis-1,3-Dichloropropene	0.270	U *	2.50	0.270	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
trans-1,3-Dichloropropene	0.290	U *	2.50	0.290	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Ethylbenzene	9.92		2.50	0.510	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Methylene Chloride	1.10	U	5.00	1.10	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
4-Methyl-2-pentanone (MIBK)	0.735	U	5.00	0.735	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Styrene	6.35		2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Tetrachloroethene	0.494	J	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Toluene	19.5		2.50	0.690	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,1,1-Trichloroethane	0.370	U *	2.50	0.370	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Vinyl acetate	0.465	U	5.00	0.465	mg/Kg		03/11/15 15:00	03/13/15 16:54	1

Client Sample ID: VB 25203-T1T11T3

Date Collected: 03/09/15 11:42
Date Received: 03/09/15 16:09

Lab Sample ID: 600-107836-2

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
o-Xylene	**24.2**		2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
m-Xylene & p-Xylene	**37.1**		2.50	0.760	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Xylenes, Total	**61.3**		2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 16:54	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*50 - 130*	*03/11/15 15:00*	*03/13/15 16:54*	*1*
Dibromofluoromethane	*115*		*68 - 140*	*03/11/15 15:00*	*03/13/15 16:54*	*1*
4-Bromofluorobenzene	*104*		*57 - 140*	*03/11/15 15:00*	*03/13/15 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*X*	*61 - 130*	*03/11/15 15:00*	*03/13/15 16:54*	*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			03/18/15 13:00	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			03/18/15 13:00	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			03/18/15 13:00	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			03/18/15 13:00	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			03/18/15 13:00	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			03/18/15 13:00	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			03/18/15 13:00	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			03/18/15 13:00	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			03/18/15 13:00	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			03/18/15 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*03/18/15 13:00*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*03/18/15 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 123*		*03/18/15 13:00*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/18/15 13:00*	*1*

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		03/10/15 09:17	03/11/15 05:25	10
Acenaphthylene	545	U	934	545	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Anthracene	587	U	934	587	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzidine	2330	U	9340	2330	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzo[a]anthracene	587	U	934	587	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzo[b]fluoranthene	54.7	U	934	54.7	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzo[k]fluoranthene	83.2	U	934	83.2	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzo[g,h,i]perylene	496	U	934	496	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzo[a]pyrene	524	U	934	524	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Bis(2-chloroethoxy)methane	527	U	934	527	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Bis(2-chloroethyl)ether	93.3	U	934	93.3	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Bis(2-ethylhexyl) phthalate	566	U	934	566	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4-Bromophenyl phenyl ether	566	U	934	566	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Butyl benzyl phthalate	568	U	934	568	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4-Chloroaniline	187	U	934	187	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Chloronaphthalene	608	U	934	608	mg/Kg		03/10/15 09:17	03/11/15 05:25	10

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2

Date Collected: 03/09/15 11:42

Matrix: Waste

Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	562	U	934	562	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Carbazole	577	U	934	577	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Chrysene	571	U	934	571	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Di-n-butyl phthalate	603	U	934	603	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Dibenz(a,h)anthracene	537	U	934	537	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Dibenzofuran	557	U	934	557	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
1,2-Dichlorobenzene	74.4	U	934	74.4	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
1,3-Dichlorobenzene	504	U	934	504	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
1,4-Dichlorobenzene	65.3	U	934	65.3	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
3,3'-Dichlorobenzidine	180	U	1870	180	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Diethyl phthalate	578	U	934	578	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Dimethyl phthalate	565	U	934	565	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,4-Dinitrotoluene	93.1	U	934	93.1	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,6-Dinitrotoluene	593	U	934	593	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Di-n-octyl phthalate	604	U	934	604	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Fluoranthene	597	U	934	597	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Fluorene	575	U	934	575	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Hexachlorobenzene	589	U	934	589	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Hexachlorocyclopentadiene	63.0	U	934	63.0	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Hexachloroethane	84.7	U	934	84.7	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Hexachlorobutadiene	96.0	U	934	96.0	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Indeno[1,2,3-cd]pyrene	512	U	934	512	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Isophorone	549	U	934	549	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Methylnaphthalene	535	U	934	535	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Naphthalene	54.6	U	934	54.6	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Nitroaniline	551	U	4530	551	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
3-Nitroaniline	599	U	4530	599	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4-Nitroaniline	511	U	4530	511	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Nitrobenzene	134	U	934	134	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
N-Nitrosodimethylamine	270	U	934	270	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
N-Nitrosodiphenylamine	89.2	U	934	89.2	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
N-Nitrosodi-n-propylamine	80.9	U	934	80.9	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Phenanthrene	575	U	934	575	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Pyrene	625	U	934	625	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
1,2,4-Trichlorobenzene	596	U	934	596	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Benzyl alcohol	176	U	934	176	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4-Chloro-3-methylphenol	544	U	934	544	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Chlorophenol	65.9	U	934	65.9	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Methylphenol	107	U	934	107	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
3 & 4 Methylphenol	85.1	U	1870	85.1	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,4-Dichlorophenol	517	U	934	517	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,4-Dimethylphenol	180	U	934	180	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4,6-Dinitro-2-methylphenol	585	U	4530	585	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,4-Dinitrophenol	362	U	4530	362	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2-Nitrophenol	509	U	934	509	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
4-Nitrophenol	509	U	4530	509	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Pentachlorophenol	62.6	U	4530	62.6	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
Phenol	106	U	934	106	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
2,4,5-Trichlorophenol	176	U	934	176	mg/Kg		03/10/15 09:17	03/11/15 05:25	10

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2

Date Collected: 03/09/15 11:42

Matrix: Waste

Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	510	U	934	510	mg/Kg		03/10/15 09:17	03/11/15 05:25	10
bis (2-Chloroisopropyl) ether	98.0	U	934	98.0	mg/Kg		03/10/15 09:17	03/11/15 05:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*
2-Fluorophenol	*0*	*X*	*45 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*
Terphenyl-d14	*0*	*X*	*51 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*03/10/15 09:17*	*03/11/15 05:25*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.178	U	1.00	0.178	mg/L		03/13/15 07:47	03/25/15 08:44	20
2,4-Dinitrotoluene	0.263	U	1.00	0.263	mg/L		03/13/15 07:47	03/25/15 08:44	20
2,4,5-Trichlorophenol	0.271	U	1.00	0.271	mg/L		03/13/15 07:47	03/25/15 08:44	20
2,4,6-Trichlorophenol	**0.792**	**J**	1.00	0.259	mg/L		03/13/15 07:47	03/25/15 08:44	20
2-Methylphenol	**0.322**	**J**	1.00	0.181	mg/L		03/13/15 07:47	03/25/15 08:44	20
3 & 4 Methylphenol	**1.52**	**J**	2.00	0.188	mg/L		03/13/15 07:47	03/25/15 08:44	20
Hexachlorobenzene	0.259	U	1.00	0.259	mg/L		03/13/15 07:47	03/25/15 08:44	20
Hexachlorobutadiene	0.212	U	1.00	0.212	mg/L		03/13/15 07:47	03/25/15 08:44	20
Hexachloroethane	0.220	U	1.00	0.220	mg/L		03/13/15 07:47	03/25/15 08:44	20
Nitrobenzene	0.248	U	1.00	0.248	mg/L		03/13/15 07:47	03/25/15 08:44	20
Pentachlorophenol	0.462	U	5.00	0.462	mg/L		03/13/15 07:47	03/25/15 08:44	20
Pyridine	0.216	U	1.00	0.216	mg/L		03/13/15 07:47	03/25/15 08:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*35 - 130*	*03/13/15 07:47*	*03/25/15 08:44*	*20*
2-Fluorophenol	*0*	*X*	*10 - 130*	*03/13/15 07:47*	*03/25/15 08:44*	*20*
2-Fluorobiphenyl	*0*	*X*	*41 - 130*	*03/13/15 07:47*	*03/25/15 08:44*	*20*
2,4,6-Tribromophenol	*0*	*X*	*12 - 138*	*03/13/15 07:47*	*03/25/15 08:44*	*20*
Terphenyl-d14	*0*	*X*	*43 - 130*	*03/13/15 07:47*	*03/25/15 08:44*	*20*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*	*03/13/15 07:47*	*03/25/15 08:44*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**1640**		500	190	mg/Kg		03/11/15 10:27	03/12/15 08:55	5
>C12-C28	**12800**		500	203	mg/Kg		03/11/15 10:27	03/12/15 08:55	5
>C28-C35	**4550**		500	203	mg/Kg		03/11/15 10:27	03/12/15 08:55	5
C6-C35	**19000**		500	190	mg/Kg		03/11/15 10:27	03/12/15 08:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*70 - 130*	*03/11/15 10:27*	*03/12/15 08:55*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.872	U	1.94	0.872	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Barium	**51.6**		1.94	1.55	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Cadmium	**0.0969**	**J**	0.969	0.0969	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Chromium	**7.34**		0.969	0.581	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Lead	**3.28**		0.969	0.484	mg/Kg		03/11/15 18:58	03/12/15 12:09	1

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2

Date Collected: 03/09/15 11:42
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.969	U	1.94	0.969	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Silver	0.484	U	0.969	0.484	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Sodium	**2110**	**B**	194	96.9	mg/Kg		03/11/15 18:58	03/12/15 12:09	1
Sulfur	**3430**		48.4	19.4	mg/Kg		03/11/15 18:58	03/12/15 12:09	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0510**	**J**	0.100	0.0328	mg/L		03/12/15 15:29	03/13/15 15:08	1
Barium	**0.148**	**J B**	0.200	0.0220	mg/L		03/12/15 15:29	03/13/15 15:08	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		03/12/15 15:29	03/13/15 15:08	1
Chromium	**0.0410**	**J B**	0.100	0.0155	mg/L		03/12/15 15:29	03/13/15 15:08	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/12/15 15:29	03/13/15 15:08	1
Selenium	0.0417	U	0.400	0.0417	mg/L		03/12/15 15:29	03/13/15 15:08	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/12/15 15:29	03/13/15 15:08	1

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		03/13/15 07:00	03/13/15 11:12	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.389**	**B**	0.0167	0.00352	mg/Kg		03/12/15 07:09	03/12/15 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			03/12/15 07:45	1
Cyanide, Reactive	0.0838	U	0.245	0.0838	mg/Kg		03/12/15 10:45	03/13/15 14:49	1
Halogens, Extractable Organic	**129**	**J**	199	33.8	mg/Kg		03/13/15 07:27	03/13/15 14:02	1
Sulfide, Reactive	13.7	U	49.0	13.7	mg/Kg		03/12/15 10:45	03/12/15 10:45	1
pH	**11.2**		0.0100	0.0100	SU			03/13/15 14:10	1
Percent Water	**32.0**				%			03/13/15 14:30	1

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53
Matrix: Waste
Date Received: 03/09/15 16:09

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		03/11/15 15:00	03/13/15 17:19	1
Benzene	**3.55**		2.50	0.315	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Methane, tribromo-	0.685	U	2.50	0.685	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
2-Butanone (MEK)	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Carbon disulfide	0.275	U	5.00	0.275	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Carbon tetrachloride	0.565	U *	2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Chloroform	**0.470**	**J ***	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		03/11/15 15:00	03/13/15 17:19	1

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,2-Dichloropropane	0.355	U *	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
cis-1,3-Dichloropropene	0.270	U *	2.50	0.270	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
trans-1,3-Dichloropropene	0.290	U *	2.50	0.290	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Ethylbenzene	**40.0**		2.50	0.510	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Methylene Chloride	1.10	U	5.00	1.10	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
4-Methyl-2-pentanone (MIBK)	**0.912**	**J**	5.00	0.735	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Styrene	**5.44**		2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Tetrachloroethene	0.355	U	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Toluene	**82.5**		2.50	0.690	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,1,1-Trichloroethane	0.370	U *	2.50	0.370	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Vinyl acetate	**1.27**	**J**	5.00	0.465	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 17:19	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*50 - 130*	*03/11/15 15:00*	*03/13/15 17:19*	*1*
Dibromofluoromethane	*109*		*68 - 140*	*03/11/15 15:00*	*03/13/15 17:19*	*1*
4-Bromofluorobenzene	*107*		*57 - 140*	*03/11/15 15:00*	*03/13/15 17:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*	*X*	*61 - 130*	*03/11/15 15:00*	*03/13/15 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	**72.6**		12.5	2.83	mg/Kg		03/11/15 15:00	03/13/15 18:07	5
m-Xylene & p-Xylene	**148**		12.5	3.80	mg/Kg		03/11/15 15:00	03/13/15 18:07	5
Xylenes, Total	**221**		12.5	2.83	mg/Kg		03/11/15 15:00	03/13/15 18:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*50 - 130*	*03/11/15 15:00*	*03/13/15 18:07*	*5*
Dibromofluoromethane	*100*		*68 - 140*	*03/11/15 15:00*	*03/13/15 18:07*	*5*
4-Bromofluorobenzene	*109*		*57 - 140*	*03/11/15 15:00*	*03/13/15 18:07*	*5*
1,2-Dichloroethane-d4 (Surr)	*114*		*61 - 130*	*03/11/15 15:00*	*03/13/15 18:07*	*5*

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			03/18/15 13:29	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			03/18/15 13:29	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			03/18/15 13:29	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			03/18/15 13:29	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			03/18/15 13:29	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			03/18/15 13:29	1

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53

Matrix: Waste

Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			03/18/15 13:29	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			03/18/15 13:29	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			03/18/15 13:29	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			03/18/15 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*		*03/18/15 13:29*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*03/18/15 13:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*62 - 123*		*03/18/15 13:29*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*03/18/15 13:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	556	U	971	556	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Acenaphthylene	566	U	971	566	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Anthracene	610	U	971	610	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzidine	2430	U	9710	2430	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzo[a]anthracene	610	U	971	610	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzo[b]fluoranthene	56.9	U	971	56.9	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzo[k]fluoranthene	86.5	U	971	86.5	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzo[g,h,i]perylene	516	U	971	516	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzo[a]pyrene	544	U	971	544	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Bis(2-chloroethoxy)methane	548	U	971	548	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Bis(2-chloroethyl)ether	97.0	U	971	97.0	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Bis(2-ethylhexyl) phthalate	588	U	971	588	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Bromophenyl phenyl ether	588	U	971	588	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Butyl benzyl phthalate	590	U	971	590	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Chloroaniline	194	U	971	194	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Chloronaphthalene	632	U	971	632	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Chlorophenyl phenyl ether	584	U	971	584	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Carbazole	599	U	971	599	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Chrysene	593	U	971	593	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Di-n-butyl phthalate	626	U	971	626	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Dibenz(a,h)anthracene	558	U	971	558	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Dibenzofuran	579	U	971	579	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
1,2-Dichlorobenzene	77.3	U	971	77.3	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
1,3-Dichlorobenzene	524	U	971	524	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
1,4-Dichlorobenzene	67.8	U	971	67.8	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
3,3'-Dichlorobenzidine	187	U	1940	187	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Diethyl phthalate	600	U	971	600	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Dimethyl phthalate	587	U	971	587	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4-Dinitrotoluene	96.8	U	971	96.8	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,6-Dinitrotoluene	617	U	971	617	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Di-n-octyl phthalate	628	U	971	628	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Fluoranthene	620	U	971	620	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Fluorene	598	U	971	598	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Hexachlorobenzene	612	U	971	612	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Hexachlorocyclopentadiene	65.5	U	971	65.5	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Hexachloroethane	88.0	U	971	88.0	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Hexachlorobutadiene	99.8	U	971	99.8	mg/Kg		03/10/15 09:17	03/11/15 06:01	10

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	532	U	971	532	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Isophorone	570	U	971	570	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Methylnaphthalene	556	U	971	556	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Naphthalene	56.8	U	971	56.8	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Nitroaniline	572	U	4710	572	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
3-Nitroaniline	622	U	4710	622	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Nitroaniline	531	U	4710	531	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Nitrobenzene	139	U	971	139	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
N-Nitrosodimethylamine	281	U	971	281	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
N-Nitrosodiphenylamine	92.7	U	971	92.7	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
N-Nitrosodi-n-propylamine	84.1	U	971	84.1	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Phenanthrene	597	U	971	597	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Pyrene	650	U	971	650	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
1,2,4-Trichlorobenzene	619	U	971	619	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Benzyl alcohol	183	U	971	183	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Chloro-3-methylphenol	565	U	971	565	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Chlorophenol	68.5	U	971	68.5	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Methylphenol	111	U	971	111	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
3 & 4 Methylphenol	88.4	U	1940	88.4	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4-Dichlorophenol	537	U	971	537	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4-Dimethylphenol	187	U	971	187	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4,6-Dinitro-2-methylphenol	608	U	4710	608	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4-Dinitrophenol	376	U	4710	376	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2-Nitrophenol	529	U	971	529	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
4-Nitrophenol	529	U	4710	529	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Pentachlorophenol	65.1	U	4710	65.1	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
Phenol	110	U	971	110	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4,5-Trichlorophenol	183	U	971	183	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
2,4,6-Trichlorophenol	530	U	971	530	mg/Kg		03/10/15 09:17	03/11/15 06:01	10
bis (2-Chloroisopropyl) ether	102	U	971	102	mg/Kg		03/10/15 09:17	03/11/15 06:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*
2-Fluorophenol	*0*	*X*	*45 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*
2-Fluorobiphenyl	*0*	*X*	*42 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*
2,4,6-Tribromophenol	*0*	*X*	*25 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*
Terphenyl-d14	*0*	*X*	*51 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*
Phenol-d5 (Surr)	*0*	*X*	*48 - 130*	*03/10/15 09:17*	*03/11/15 06:01*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0890	U	0.500	0.0890	mg/L		03/13/15 14:29	03/16/15 11:27	10
2,4-Dinitrotoluene	0.132	U	0.500	0.132	mg/L		03/13/15 14:29	03/16/15 11:27	10
2,4,5-Trichlorophenol	0.136	U	0.500	0.136	mg/L		03/13/15 14:29	03/16/15 11:27	10
2,4,6-Trichlorophenol	**0.152**	**J**	0.500	0.129	mg/L		03/13/15 14:29	03/16/15 11:27	10
2-Methylphenol	**0.142**	**J**	0.500	0.0905	mg/L		03/13/15 14:29	03/16/15 11:27	10
3 & 4 Methylphenol	**0.501**	**J**	1.00	0.0940	mg/L		03/13/15 14:29	03/16/15 11:27	10
Hexachlorobenzene	0.130	U	0.500	0.130	mg/L		03/13/15 14:29	03/16/15 11:27	10
Hexachlorobutadiene	0.106	U	0.500	0.106	mg/L		03/13/15 14:29	03/16/15 11:27	10
Hexachloroethane	0.110	U	0.500	0.110	mg/L		03/13/15 14:29	03/16/15 11:27	10

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53

Matrix: Waste

Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.124	U	0.500	0.124	mg/L		03/13/15 14:29	03/16/15 11:27	10
Pentachlorophenol	0.231	U	2.50	0.231	mg/L		03/13/15 14:29	03/16/15 11:27	10
Pyridine	0.108	U F1	0.500	0.108	mg/L		03/13/15 14:29	03/16/15 11:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*96*		*35 - 130*	*03/13/15 14:29*	*03/16/15 11:27*	*10*
2-Fluorophenol	*86*		*10 - 130*	*03/13/15 14:29*	*03/16/15 11:27*	*10*
2-Fluorobiphenyl	*95*		*41 - 130*	*03/13/15 14:29*	*03/16/15 11:27*	*10*
2,4,6-Tribromophenol	*109*		*12 - 138*	*03/13/15 14:29*	*03/16/15 11:27*	*10*
Terphenyl-d14	*100*		*43 - 130*	*03/13/15 14:29*	*03/16/15 11:27*	*10*
Phenol-d5 (Surr)	*75*		*10 - 130*	*03/13/15 14:29*	*03/16/15 11:27*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**7330**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 18:09	10
>C12-C28	**26600**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 18:09	10
>C28-C35	**7780**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 18:09	10
C6-C35	**41700**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 18:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*03/11/15 10:27*	*03/11/15 18:09*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.879	U	1.95	0.879	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Barium	**309**		1.95	1.56	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Cadmium	**0.215**	**J**	0.977	0.0977	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Chromium	**11.4**		0.977	0.586	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Lead	**11.9**		0.977	0.488	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Selenium	0.977	U	1.95	0.977	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Silver	0.488	U	0.977	0.488	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Sodium	**3220**	**B**	195	97.7	mg/Kg		03/11/15 18:58	03/12/15 12:13	1
Sulfur	**4590**		48.8	19.5	mg/Kg		03/11/15 18:58	03/12/15 12:13	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		03/13/15 12:03	03/16/15 11:22	1
Barium	**0.142**	**J B**	0.200	0.0220	mg/L		03/13/15 12:03	03/16/15 11:22	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		03/13/15 12:03	03/16/15 11:22	1
Chromium	**0.0250**	**J B**	0.100	0.0155	mg/L		03/13/15 12:03	03/16/15 11:22	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/13/15 12:03	03/16/15 11:22	1
Selenium	0.0417	U	0.400	0.0417	mg/L		03/13/15 12:03	03/16/15 11:22	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/13/15 12:03	03/16/15 11:22	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		03/13/15 11:57	03/13/15 13:35	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.736**	**B**	0.0167	0.00352	mg/Kg		03/12/15 07:09	03/12/15 09:09	1

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53
Matrix: Waste
Date Received: 03/09/15 16:09

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			03/12/15 07:45	1
Cyanide, Reactive	0.0849	U	0.248	0.0849	mg/Kg		03/12/15 10:45	03/13/15 14:49	1
Halogens, Extractable Organic	**212**		202	34.3	mg/Kg		03/13/15 07:28	03/13/15 14:11	1
Sulfide, Reactive	13.9	U	49.7	13.9	mg/Kg		03/12/15 10:45	03/12/15 10:45	1
pH	**7.74**		0.0100	0.0100	SU			03/13/15 14:10	1
Percent Water	**32.0**				%			03/13/15 14:30	1

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.82**	**J**	5.00	0.830	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Benzene	**0.430**	**J**	2.50	0.315	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Chlorobromomethane	0.890	U	2.50	0.890	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Methane, tribromo-	0.685	U	2.50	0.685	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Bromomethane	0.415	U	5.00	0.415	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
2-Butanone (MEK)	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Carbon disulfide	0.275	U	5.00	0.275	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Carbon tetrachloride	0.565	U *	2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Dibromochloromethane	0.470	U	2.50	0.470	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Chlorobenzene	0.480	U	2.50	0.480	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Chloroethane	0.700	U	5.00	0.700	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Chloroform	0.330	U *	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Chloromethane	0.830	U	5.00	0.830	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,1-Dichloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,2-Dichloroethane	0.450	U	2.50	0.450	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,1-Dichloroethene	0.610	U	2.50	0.610	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
cis-1,2-Dichloroethene	0.415	U	2.50	0.415	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
trans-1,2-Dichloroethene	0.570	U	2.50	0.570	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,2-Dichloropropane	0.355	U *	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
cis-1,3-Dichloropropene	0.270	U *	2.50	0.270	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
trans-1,3-Dichloropropene	0.290	U *	2.50	0.290	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Ethylbenzene	**4.74**		2.50	0.510	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
2-Hexanone	0.505	U	5.00	0.505	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Methylene Chloride	1.10	U	5.00	1.10	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
4-Methyl-2-pentanone (MIBK)	0.735	U	5.00	0.735	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Styrene	**0.706**	**J**	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,1,2,2-Tetrachloroethane	0.435	U	2.50	0.435	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Tetrachloroethene	0.355	U	2.50	0.355	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Toluene	**3.71**		2.50	0.690	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,1,1-Trichloroethane	0.370	U *	2.50	0.370	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,1,2-Trichloroethane	0.365	U	20.0	0.365	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Trichloroethene	0.700	U	2.50	0.700	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Vinyl acetate	0.465	U	5.00	0.465	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Vinyl chloride	0.450	U	5.00	0.450	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
o-Xylene	**4.62**		2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
m-Xylene & p-Xylene	**10.7**		2.50	0.760	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
Xylenes, Total	**15.3**		2.50	0.565	mg/Kg		03/11/15 15:00	03/13/15 17:43	1

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06
Matrix: Waste
Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.330	U	2.50	0.330	mg/Kg		03/11/15 15:00	03/13/15 17:43	1
1,2-Dichloroethene, Total	0.950	U	5.00	0.950	mg/Kg		03/11/15 15:00	03/13/15 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*50 - 130*	*03/11/15 15:00*	*03/13/15 17:43*	*1*
Dibromofluoromethane	*105*		*68 - 140*	*03/11/15 15:00*	*03/13/15 17:43*	*1*
4-Bromofluorobenzene	*107*		*57 - 140*	*03/11/15 15:00*	*03/13/15 17:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*61 - 130*	*03/11/15 15:00*	*03/13/15 17:43*	*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			03/18/15 13:56	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			03/18/15 13:56	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			03/18/15 13:56	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			03/18/15 13:56	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			03/18/15 13:56	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			03/18/15 13:56	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			03/18/15 13:56	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			03/18/15 13:56	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			03/18/15 13:56	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			03/18/15 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*75 - 120*		*03/18/15 13:56*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*03/18/15 13:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*62 - 123*		*03/18/15 13:56*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/18/15 13:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	530	U	925	530	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Acenaphthylene	540	U	925	540	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Anthracene	581	U	925	581	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzidine	2310	U	9250	2310	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzo[a]anthracene	581	U	925	581	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzo[b]fluoranthene	54.2	U	925	54.2	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzo[k]fluoranthene	82.5	U	925	82.5	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzo[g,h,i]perylene	491	U	925	491	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzo[a]pyrene	519	U	925	519	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Bis(2-chloroethoxy)methane	522	U	925	522	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Bis(2-chloroethyl)ether	92.5	U	925	92.5	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Bis(2-ethylhexyl) phthalate	561	U	925	561	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Bromophenyl phenyl ether	561	U	925	561	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Butyl benzyl phthalate	563	U	925	563	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Chloroaniline	185	U	925	185	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Chloronaphthalene	602	U	925	602	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Chlorophenyl phenyl ether	556	U	925	556	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Carbazole	571	U	925	571	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Chrysene	566	U	925	566	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Di-n-butyl phthalate	597	U	925	597	mg/Kg		03/10/15 09:17	03/11/15 06:35	10

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06

Matrix: Waste

Date Received: 03/09/15 16:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	532	U	925	532	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Dibenzofuran	551	U	925	551	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
1,2-Dichlorobenzene	73.7	U	925	73.7	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
1,3-Dichlorobenzene	499	U	925	499	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
1,4-Dichlorobenzene	64.7	U	925	64.7	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
3,3'-Dichlorobenzidine	178	U	1850	178	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Diethyl phthalate	572	U	925	572	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Dimethyl phthalate	560	U	925	560	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4-Dinitrotoluene	92.3	U	925	92.3	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,6-Dinitrotoluene	588	U	925	588	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Di-n-octyl phthalate	599	U	925	599	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Fluoranthene	591	U	925	591	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Fluorene	570	U	925	570	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Hexachlorobenzene	584	U	925	584	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Hexachlorocyclopentadiene	62.4	U	925	62.4	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Hexachloroethane	83.9	U	925	83.9	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Hexachlorobutadiene	95.1	U	925	95.1	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Indeno[1,2,3-cd]pyrene	508	U	925	508	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Isophorone	544	U	925	544	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Methylnaphthalene	530	U	925	530	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Naphthalene	**103**	**J**	925	54.1	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Nitroaniline	546	U	4490	546	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
3-Nitroaniline	593	U	4490	593	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Nitroaniline	506	U	4490	506	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Nitrobenzene	133	U	925	133	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
N-Nitrosodimethylamine	268	U	925	268	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
N-Nitrosodiphenylamine	88.4	U	925	88.4	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
N-Nitrosodi-n-propylamine	80.2	U	925	80.2	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Phenanthrene	569	U	925	569	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Pyrene	619	U	925	619	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
1,2,4-Trichlorobenzene	590	U	925	590	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Benzyl alcohol	175	U	925	175	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Chloro-3-methylphenol	538	U	925	538	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Chlorophenol	65.3	U	925	65.3	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Methylphenol	106	U	925	106	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
3 & 4 Methylphenol	84.3	U	1850	84.3	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4-Dichlorophenol	512	U	925	512	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4-Dimethylphenol	178	U	925	178	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4,6-Dinitro-2-methylphenol	579	U	4490	579	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4-Dinitrophenol	359	U	4490	359	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2-Nitrophenol	504	U	925	504	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
4-Nitrophenol	504	U	4490	504	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Pentachlorophenol	62.0	U	4490	62.0	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
Phenol	105	U	925	105	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4,5-Trichlorophenol	174	U	925	174	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
2,4,6-Trichlorophenol	505	U	925	505	mg/Kg		03/10/15 09:17	03/11/15 06:35	10
bis (2-Chloroisopropyl) ether	97.1	U	925	97.1	mg/Kg		03/10/15 09:17	03/11/15 06:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*46 - 130*	*03/10/15 09:17*	*03/11/15 06:35*	*10*

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06

Matrix: Waste

Date Received: 03/09/15 16:09

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	0	X	45 - 130	03/10/15 09:17	03/11/15 06:35	10
2-Fluorobiphenyl	0	X	42 - 130	03/10/15 09:17	03/11/15 06:35	10
2,4,6-Tribromophenol	0	X	25 - 130	03/10/15 09:17	03/11/15 06:35	10
Terphenyl-d14	0	X	51 - 130	03/10/15 09:17	03/11/15 06:35	10
Phenol-d5 (Surr)	0	X	48 - 130	03/10/15 09:17	03/11/15 06:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.178	U	1.00	0.178	mg/L		03/13/15 14:29	03/16/15 12:29	20
2,4-Dinitrotoluene	0.263	U	1.00	0.263	mg/L		03/13/15 14:29	03/16/15 12:29	20
2,4,5-Trichlorophenol	0.271	U	1.00	0.271	mg/L		03/13/15 14:29	03/16/15 12:29	20
2,4,6-Trichlorophenol	0.259	U	1.00	0.259	mg/L		03/13/15 14:29	03/16/15 12:29	20
2-Methylphenol	**1.90**		1.00	0.181	mg/L		03/13/15 14:29	03/16/15 12:29	20
3 & 4 Methylphenol	**2.48**		2.00	0.188	mg/L		03/13/15 14:29	03/16/15 12:29	20
Hexachlorobenzene	0.259	U	1.00	0.259	mg/L		03/13/15 14:29	03/16/15 12:29	20
Hexachlorobutadiene	0.212	U	1.00	0.212	mg/L		03/13/15 14:29	03/16/15 12:29	20
Hexachloroethane	0.220	U	1.00	0.220	mg/L		03/13/15 14:29	03/16/15 12:29	20
Nitrobenzene	0.248	U	1.00	0.248	mg/L		03/13/15 14:29	03/16/15 12:29	20
Pentachlorophenol	0.462	U	5.00	0.462	mg/L		03/13/15 14:29	03/16/15 12:29	20
Pyridine	0.216	U	1.00	0.216	mg/L		03/13/15 14:29	03/16/15 12:29	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	82		35 - 130	03/13/15 14:29	03/16/15 12:29	20
2-Fluorophenol	72		10 - 130	03/13/15 14:29	03/16/15 12:29	20
2-Fluorobiphenyl	88		41 - 130	03/13/15 14:29	03/16/15 12:29	20
2,4,6-Tribromophenol	87		12 - 138	03/13/15 14:29	03/16/15 12:29	20
Terphenyl-d14	85		43 - 130	03/13/15 14:29	03/16/15 12:29	20
Phenol-d5 (Surr)	70		10 - 130	03/13/15 14:29	03/16/15 12:29	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**4860**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 18:41	10
>C12-C28	**37200**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 18:41	10
>C28-C35	**13800**		1000	406	mg/Kg		03/11/15 10:27	03/11/15 18:41	10
C6-C35	**55900**		1000	380	mg/Kg		03/11/15 10:27	03/11/15 18:41	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		70 - 130	03/11/15 10:27	03/11/15 18:41	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.69**		1.94	0.872	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Barium	**526**		1.94	1.55	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Cadmium	**0.446**	**J**	0.969	0.0969	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Chromium	**59.3**		0.969	0.581	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Lead	**98.3**		0.969	0.484	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Selenium	0.969	U	1.94	0.969	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Silver	**35.0**		0.969	0.484	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Sodium	**516**	**B**	194	96.9	mg/Kg		03/11/15 18:58	03/12/15 12:18	1
Sulfur	**5600**		48.4	19.4	mg/Kg		03/11/15 18:58	03/12/15 12:18	1

Client Sample Results

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

TestAmerica Job ID: 600-107836-1

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06
Matrix: Waste
Date Received: 03/09/15 16:09

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		03/13/15 12:03	03/16/15 11:27	1
Barium	**0.828**	**B**	0.200	0.0220	mg/L		03/13/15 12:03	03/16/15 11:27	1
Cadmium	**0.00400**	**J**	0.0500	0.00350	mg/L		03/13/15 12:03	03/16/15 11:27	1
Chromium	**0.0290**	**J B**	0.100	0.0155	mg/L		03/13/15 12:03	03/16/15 11:27	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/13/15 12:03	03/16/15 11:27	1
Selenium	**0.0420**	**J B**	0.400	0.0417	mg/L		03/13/15 12:03	03/16/15 11:27	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/13/15 12:03	03/16/15 11:27	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		03/13/15 11:57	03/13/15 13:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.48**	**B**	0.170	0.0358	mg/Kg		03/12/15 07:09	03/12/15 09:21	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			03/13/15 13:15	1
Cyanide, Reactive	0.0840	U	0.246	0.0840	mg/Kg		03/12/15 10:45	03/13/15 14:50	1
Halogens, Extractable Organic	34.2	U	201	34.2	mg/Kg		03/13/15 07:30	03/13/15 14:17	1
Sulfide, Reactive	**373**		49.1	13.7	mg/Kg		03/12/15 10:45	03/12/15 10:45	1
pH	**6.78**		0.0100	0.0100	SU			03/13/15 14:10	1
Percent Water	**0.000**				%			03/13/15 14:30	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
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.
F1	MS and/or MSD Recovery 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.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

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.
B	Compound was found in the blank and sample.

General Chemistry

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.

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 . .– Houston

TestAmerica Job ID: 600-107836-1

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)
600-107836-1	VB 2564-T108	6 X	134	52 X	0 X
600-107836-2	VB 25203-T1T11T3	93	115	104	136 X
600-107836-3	VB 25315 --T7T8T11T10T9T4	101	109	107	132 X
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	98	100	109	114
600-107836-4	VB 25146-FT1DO1FT215012WMU	100	105	107	122
LCS 600-157724/1-A	Lab Control Sample	98	106	102	98
LCSD 600-157724/2-A	Lab Control Sample Dup	97	112	100	95
MB 600-157724/3-A	Method Blank	97	99	106	96

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 180-135829/12	Lab Control Sample	86	106	98	91
MB 180-135829/5	Method Blank	83	98	81	83

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)
600-107836-1	VB 2564-T108	86	111	94	88
600-107836-2	VB 25203-T1T11T3	104	109	96	95
600-107836-2 MS	VB 25203-T1T11T3	80	93	80	92
600-107836-2 MSD	VB 25203-T1T11T3	84	90	85	88
600-107836-3	VB 25315 --T7T8T11T10T9T4	89	106	88	89
600-107836-4	VB 25146-FT1DO1FT215012WMU	87	107	92	94

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 . .– Houston

TestAmerica Job ID: 600-107836-1

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)
600-107836-1	VB 2564-T108	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-2	VB 25203-T1T11T3	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-3	VB 25315 --T7T8T11T10T9T4	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-4	VB 25146-FT1DO1FT215012WMU	0 X	0 X	0 X	0 X	0 X	0 X
LCS 600-157583/2-A	Lab Control Sample	89	95	90	99	93	92
MB 600-157583/1-A	Method Blank	93	94	92	89	95	92

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 600-157864/2-A	Lab Control Sample	86	49	86	103	92	30
MB 600-157864/1-A	Method Blank	85	50	84	82	95	31

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)
600-107836-1	VB 2564-T108	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-1 MS	VB 2564-T108	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-2	VB 25203-T1T11T3	0 X	0 X	0 X	0 X	0 X	0 X
600-107836-3	VB 25315 --T7T8T11T10T9T4	96	86	95	109	100	75
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	93	71	98	108	104	50
600-107836-4	VB 25146-FT1DO1FT215012WMU	82	72	88	87	85	70
600-107836-B-2-L MS	600-107836-B-2-L MS	0 X	0 X	0 X	0 X	0 X	0 X
LB 600-157764/1-F	Method Blank	83	72	87	95	105	61
LB 600-157765/1-D	Method Blank	89	74	89	100	100	60
LB 600-157877/1-D	Method Blank	93	78	91	96	101	61

Surrogate Summary

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

TestAmerica Job ID: 600-107836-1

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**OTPH (70-130)**						
600-107836-1 - DL	VB 2564-T108	87						
600-107836-2 - DL	VB 25203-T1T11T3	85						
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	108						
600-107836-4 - DL	VB 25146-FT1DO1FT215012WMU	102						
LCS 600-157681/2-A	Lab Control Sample	107						
LCSD 600-157681/3-A	Lab Control Sample Dup	104						
MB 600-157681/1-A	Method Blank	114						

Surrogate Legend

OTPH = o-Terphenyl

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

Lab Sample ID: MB 180-135829/5
Matrix: Waste
Analysis Batch: 135829

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000989	U	0.00500	0.000989	mg/L			03/18/15 10:55	1
2-Butanone (MEK)	0.00108	U	0.00500	0.00108	mg/L			03/18/15 10:55	1
Carbon tetrachloride	0.00108	U	0.00500	0.00108	mg/L			03/18/15 10:55	1
Chlorobenzene	0.000526	U	0.00500	0.000526	mg/L			03/18/15 10:55	1
Chloroform	0.00101	U	0.00500	0.00101	mg/L			03/18/15 10:55	1
1,2-Dichloroethane	0.000959	U	0.00500	0.000959	mg/L			03/18/15 10:55	1
1,1-Dichloroethene	0.00107	U	0.00500	0.00107	mg/L			03/18/15 10:55	1
Tetrachloroethene	0.000825	U	0.00500	0.000825	mg/L			03/18/15 10:55	1
Trichloroethene	0.000801	U	0.00500	0.000801	mg/L			03/18/15 10:55	1
Vinyl chloride	0.00129	U	0.00500	0.00129	mg/L			03/18/15 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*75 - 120*		*03/18/15 10:55*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*03/18/15 10:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*62 - 123*		*03/18/15 10:55*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*		*03/18/15 10:55*	*1*

Lab Sample ID: LCS 180-135829/12
Matrix: Waste
Analysis Batch: 135829

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0400	0.03366		mg/L		84	80 - 120
2-Butanone (MEK)	0.0400	0.05007		mg/L		125	31 - 139
Carbon tetrachloride	0.0400	0.03900		mg/L		98	63 - 139
Chlorobenzene	0.0400	0.03407		mg/L		85	83 - 120
Chloroform	0.0400	0.03764		mg/L		94	77 - 119
1,2-Dichloroethane	0.0400	0.04022		mg/L		101	63 - 140
1,1-Dichloroethene	0.0400	0.03635		mg/L		91	69 - 127
Tetrachloroethene	0.0400	0.03837		mg/L		96	78 - 126
Trichloroethene	0.0400	0.04143		mg/L		104	80 - 120
Vinyl chloride	0.0400	0.03512		mg/L		88	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*75 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 123*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: MB 600-157724/3-A
Matrix: Waste
Analysis Batch: 157726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.208	U	1.25	0.208	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Benzene	0.0788	U	0.625	0.0788	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Chlorobromomethane	0.223	U	0.625	0.223	mg/Kg		03/11/15 12:00	03/11/15 17:44	1

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

Lab Sample ID: MB 600-157724/3-A
Matrix: Waste
Analysis Batch: 157726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane, tribromo-	0.171	U	0.625	0.171	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Bromomethane	0.104	U	1.25	0.104	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
2-Butanone (MEK)	0.238	U	1.25	0.238	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Carbon disulfide	0.0688	U	1.25	0.0688	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Carbon tetrachloride	0.141	U	0.625	0.141	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Dibromochloromethane	0.118	U	0.625	0.118	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Chlorobenzene	0.120	U	0.625	0.120	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Chloroethane	0.175	U	1.25	0.175	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Chloroform	0.0825	U	0.625	0.0825	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Chloromethane	0.208	U	1.25	0.208	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,1-Dichloroethane	0.109	U	0.625	0.109	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,2-Dichloroethane	0.113	U	0.625	0.113	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,1-Dichloroethene	0.153	U	0.625	0.153	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
cis-1,2-Dichloroethene	0.104	U	0.625	0.104	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
trans-1,2-Dichloroethene	0.143	U	0.625	0.143	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,2-Dichloropropane	0.0888	U	0.625	0.0888	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
cis-1,3-Dichloropropene	0.0675	U	0.625	0.0675	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
trans-1,3-Dichloropropene	0.0725	U	0.625	0.0725	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Ethylbenzene	0.128	U	0.625	0.128	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
2-Hexanone	0.126	U	1.25	0.126	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Methylene Chloride	0.2907	J	1.25	0.274	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
4-Methyl-2-pentanone (MIBK)	0.184	U	1.25	0.184	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Styrene	0.0888	U	0.625	0.0888	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,1,2,2-Tetrachloroethane	0.109	U	0.625	0.109	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Tetrachloroethene	0.0888	U	0.625	0.0888	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Toluene	0.173	U	0.625	0.173	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,1,1-Trichloroethane	0.0925	U	0.625	0.0925	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,1,2-Trichloroethane	0.0913	U	5.00	0.0913	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Trichloroethene	0.175	U	0.625	0.175	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Vinyl acetate	0.116	U	1.25	0.116	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Vinyl chloride	0.113	U	1.25	0.113	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
o-Xylene	0.141	U	0.625	0.141	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
m-Xylene & p-Xylene	0.190	U	0.625	0.190	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Xylenes, Total	0.141	U	0.625	0.141	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
Bromodichloromethane	0.0825	U	0.625	0.0825	mg/Kg		03/11/15 12:00	03/11/15 17:44	1
1,2-Dichloroethene, Total	0.238	U	1.25	0.238	mg/Kg		03/11/15 12:00	03/11/15 17:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*50 - 130*	*03/11/15 12:00*	*03/11/15 17:44*	*1*
Dibromofluoromethane	*99*		*68 - 140*	*03/11/15 12:00*	*03/11/15 17:44*	*1*
4-Bromofluorobenzene	*106*		*57 - 140*	*03/11/15 12:00*	*03/11/15 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*61 - 130*	*03/11/15 12:00*	*03/11/15 17:44*	*1*

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

Lab Sample ID: LCS 600-157724/1-A
Matrix: Waste
Analysis Batch: 157726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 157724

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	12.5	15.44		mg/Kg		124	13 - 150
Benzene	6.25	7.875		mg/Kg		126	70 - 131
Chlorobromomethane	6.25	8.240		mg/Kg		132	70 - 132
Methane, tribromo-	6.25	8.211		mg/Kg		131	43 - 150
Bromomethane	6.25	8.612		mg/Kg		138	37 - 147
2-Butanone (MEK)	12.5	16.80		mg/Kg		134	33 - 150
Carbon disulfide	6.25	8.162		mg/Kg		131	51 - 141
Carbon tetrachloride	6.25	8.811	*	mg/Kg		141	58 - 130
Dibromochloromethane	6.25	8.272		mg/Kg		132	65 - 134
Chlorobenzene	6.25	7.326		mg/Kg		117	63 - 131
Chloroethane	6.25	7.261		mg/Kg		116	40 - 150
Chloroform	6.25	8.164	*	mg/Kg		131	69 - 130
Chloromethane	6.25	6.831		mg/Kg		109	44 - 141
1,1-Dichloroethane	6.25	8.456		mg/Kg		135	63 - 140
1,2-Dichloroethane	6.25	7.790		mg/Kg		125	58 - 137
1,1-Dichloroethene	6.25	7.434		mg/Kg		119	62 - 142
cis-1,2-Dichloroethene	6.25	7.807		mg/Kg		125	70 - 130
trans-1,2-Dichloroethene	6.25	8.101		mg/Kg		130	69 - 130
1,2-Dichloropropane	6.25	8.270	*	mg/Kg		132	70 - 130
cis-1,3-Dichloropropene	6.25	8.469	*	mg/Kg		135	65 - 130
trans-1,3-Dichloropropene	6.25	8.204	*	mg/Kg		131	70 - 130
Ethylbenzene	6.25	7.662		mg/Kg		123	66 - 130
2-Hexanone	12.5	14.89		mg/Kg		119	35 - 150
Methylene Chloride	6.25	7.560		mg/Kg		121	61 - 150
4-Methyl-2-pentanone (MIBK)	12.5	16.64		mg/Kg		133	21 - 150
Styrene	6.25	7.767		mg/Kg		124	65 - 133
1,1,2,2-Tetrachloroethane	6.25	7.469		mg/Kg		120	61 - 138
Tetrachloroethene	6.25	7.130		mg/Kg		114	43 - 143
Toluene	6.25	7.486		mg/Kg		120	67 - 130
1,1,1-Trichloroethane	6.25	9.302	*	mg/Kg		149	59 - 130
1,1,2-Trichloroethane	6.25	7.470		mg/Kg		120	67 - 134
Trichloroethene	6.25	7.053		mg/Kg		113	63 - 135
Vinyl acetate	12.5	15.47		mg/Kg		124	40 - 150
Vinyl chloride	6.25	7.939		mg/Kg		127	40 - 148
o-Xylene	6.25	7.753		mg/Kg		124	62 - 130
m-Xylene & p-Xylene	6.25	7.801		mg/Kg		125	64 - 130
Xylenes, Total	12.5	15.55		mg/Kg		124	63 - 130
Bromodichloromethane	6.25	8.460		mg/Kg		135	67 - 138
1,2-Dichloroethene, Total	12.5	15.91		mg/Kg		127	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*50 - 130*
Dibromofluoromethane	*106*		*68 - 140*
4-Bromofluorobenzene	*102*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*98*		*61 - 130*

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

Lab Sample ID: LCSD 600-157724/2-A
Matrix: Waste
Analysis Batch: 157726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 157724

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	12.5	14.06		mg/Kg		113	13 - 150	9	30
Benzene	6.25	6.989		mg/Kg		112	70 - 131	12	30
Chlorobromomethane	6.25	7.692		mg/Kg		123	70 - 132	7	30
Methane, tribromo-	6.25	7.281		mg/Kg		116	43 - 150	12	30
Bromomethane	6.25	7.897		mg/Kg		126	37 - 147	9	30
2-Butanone (MEK)	12.5	13.82		mg/Kg		111	33 - 150	19	30
Carbon disulfide	6.25	7.325		mg/Kg		117	51 - 141	11	30
Carbon tetrachloride	6.25	8.755	*	mg/Kg		140	58 - 130	1	30
Dibromochloromethane	6.25	7.445		mg/Kg		119	65 - 134	11	30
Chlorobenzene	6.25	6.529		mg/Kg		104	63 - 131	12	30
Chloroethane	6.25	6.939		mg/Kg		111	40 - 150	5	30
Chloroform	6.25	7.702		mg/Kg		123	69 - 130	6	30
Chloromethane	6.25	5.976		mg/Kg		96	44 - 141	13	30
1,1-Dichloroethane	6.25	7.492		mg/Kg		120	63 - 140	12	30
1,2-Dichloroethane	6.25	7.368		mg/Kg		118	58 - 137	6	30
1,1-Dichloroethene	6.25	6.513		mg/Kg		104	62 - 142	13	30
cis-1,2-Dichloroethene	6.25	6.882		mg/Kg		110	70 - 130	13	30
trans-1,2-Dichloroethene	6.25	6.876		mg/Kg		110	69 - 130	16	30
1,2-Dichloropropane	6.25	7.177		mg/Kg		115	70 - 130	14	30
cis-1,3-Dichloropropene	6.25	7.233		mg/Kg		116	65 - 130	16	30
trans-1,3-Dichloropropene	6.25	7.210		mg/Kg		115	70 - 130	13	30
Ethylbenzene	6.25	6.673		mg/Kg		107	66 - 130	14	30
2-Hexanone	12.5	13.21		mg/Kg		106	35 - 150	12	30
Methylene Chloride	6.25	6.955		mg/Kg		111	61 - 150	8	30
4-Methyl-2-pentanone (MIBK)	12.5	15.77		mg/Kg		126	21 - 150	5	30
Styrene	6.25	6.733		mg/Kg		108	65 - 133	14	30
1,1,2,2-Tetrachloroethane	6.25	6.362		mg/Kg		102	61 - 138	16	30
Tetrachloroethene	6.25	6.272		mg/Kg		100	43 - 143	13	30
Toluene	6.25	6.491		mg/Kg		104	67 - 130	14	30
1,1,1-Trichloroethane	6.25	8.086		mg/Kg		129	59 - 130	14	30
1,1,2-Trichloroethane	6.25	6.068		mg/Kg		97	67 - 134	21	30
Trichloroethene	6.25	6.659		mg/Kg		107	63 - 135	6	30
Vinyl acetate	12.5	14.95		mg/Kg		120	40 - 150	3	30
Vinyl chloride	6.25	7.142		mg/Kg		114	40 - 148	11	30
o-Xylene	6.25	6.628		mg/Kg		106	62 - 130	16	30
m-Xylene & p-Xylene	6.25	6.777		mg/Kg		108	64 - 130	14	30
Xylenes, Total	12.5	13.41		mg/Kg		107	63 - 130	15	30
Bromodichloromethane	6.25	8.091		mg/Kg		129	67 - 138	4	30
1,2-Dichloroethene, Total	12.5	13.76		mg/Kg		110	70 - 130	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*50 - 130*
Dibromofluoromethane	*112*		*68 - 140*
4-Bromofluorobenzene	*100*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*95*		*61 - 130*

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

Lab Sample ID: 600-107836-2 MS
Matrix: Waste
Analysis Batch: 135829

Client Sample ID: VB 25203-T1T11T3
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0396	U	1.60	1.380		mg/L		86	80 - 120
2-Butanone (MEK)	0.0434	U	1.60	1.061		mg/L		66	31 - 139
Carbon tetrachloride	0.0433	U	1.60	1.396		mg/L		87	63 - 139
Chlorobenzene	0.0210	U	1.60	1.351		mg/L		84	83 - 120
Chloroform	0.0403	U	1.60	1.338		mg/L		84	77 - 119
1,2-Dichloroethane	0.0384	U	1.60	1.288		mg/L		81	63 - 140
1,1-Dichloroethene	0.0426	U	1.60	1.177		mg/L		74	69 - 127
Tetrachloroethene	0.0330	U	1.60	1.467		mg/L		92	78 - 126
Trichloroethene	0.0320	U	1.60	1.541		mg/L		96	80 - 120
Vinyl chloride	0.0516	U	1.60	1.360		mg/L		85	57 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*75 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*80*		*62 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 600-107836-2 MSD
Matrix: Waste
Analysis Batch: 135829

Client Sample ID: VB 25203-T1T11T3
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0396	U	1.60	1.367		mg/L		85	80 - 120	1	20
2-Butanone (MEK)	0.0434	U	1.60	1.471		mg/L		92	31 - 139	32	35
Carbon tetrachloride	0.0433	U	1.60	1.505		mg/L		94	63 - 139	7	25
Chlorobenzene	0.0210	U	1.60	1.351		mg/L		84	83 - 120	0	20
Chloroform	0.0403	U	1.60	1.482		mg/L		93	77 - 119	10	20
1,2-Dichloroethane	0.0384	U	1.60	1.501		mg/L		94	63 - 140	15	25
1,1-Dichloroethene	0.0426	U	1.60	1.408		mg/L		88	69 - 127	18	20
Tetrachloroethene	0.0330	U	1.60	1.519		mg/L		95	78 - 126	3	25
Trichloroethene	0.0320	U	1.60	1.535		mg/L		96	80 - 120	0	20
Vinyl chloride	0.0516	U	1.60	1.370		mg/L		86	57 - 128	1	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*75 - 120*
Dibromofluoromethane (Surr)	*90*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 123*
Toluene-d8 (Surr)	*88*		*80 - 120*

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

Lab Sample ID: MB 600-157583/1-A
Matrix: Waste
Analysis Batch: 157638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.67	U	9.90	5.67	mg/Kg		03/10/15 09:17	03/11/15 02:00	1

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

Lab Sample ID: MB 600-157583/1-A
Matrix: Waste
Analysis Batch: 157638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	5.78	U	9.90	5.78	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Anthracene	6.22	U	9.90	6.22	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzidine	24.8	U	99.0	24.8	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzo[a]anthracene	6.22	U	9.90	6.22	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzo[b]fluoranthene	0.580	U	9.90	0.580	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzo[k]fluoranthene	0.882	U	9.90	0.882	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzo[g,h,i]perylene	5.26	U	9.90	5.26	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzo[a]pyrene	5.55	U	9.90	5.55	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Bis(2-chloroethoxy)methane	5.59	U	9.90	5.59	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Bis(2-chloroethyl)ether	0.989	U	9.90	0.989	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Bis(2-ethylhexyl) phthalate	6.00	U	9.90	6.00	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Bromophenyl phenyl ether	6.00	U	9.90	6.00	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Butyl benzyl phthalate	6.02	U	9.90	6.02	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Chloroaniline	1.98	U	9.90	1.98	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Chloronaphthalene	6.44	U	9.90	6.44	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Chlorophenyl phenyl ether	5.95	U	9.90	5.95	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Carbazole	6.11	U	9.90	6.11	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Chrysene	6.05	U	9.90	6.05	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Di-n-butyl phthalate	6.39	U	9.90	6.39	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Dibenz(a,h)anthracene	5.69	U	9.90	5.69	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Dibenzofuran	5.90	U	9.90	5.90	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
1,2-Dichlorobenzene	0.789	U	9.90	0.789	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
1,3-Dichlorobenzene	5.34	U	9.90	5.34	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
1,4-Dichlorobenzene	0.692	U	9.90	0.692	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
3,3'-Dichlorobenzidine	1.91	U	19.8	1.91	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Diethyl phthalate	6.12	U	9.90	6.12	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Dimethyl phthalate	5.99	U	9.90	5.99	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4-Dinitrotoluene	0.987	U	9.90	0.987	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,6-Dinitrotoluene	6.29	U	9.90	6.29	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Di-n-octyl phthalate	6.41	U	9.90	6.41	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Fluoranthene	6.32	U	9.90	6.32	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Fluorene	6.10	U	9.90	6.10	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Hexachlorobenzene	6.24	U	9.90	6.24	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Hexachlorocyclopentadiene	0.668	U	9.90	0.668	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Hexachloroethane	0.897	U	9.90	0.897	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Hexachlorobutadiene	1.02	U	9.90	1.02	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Indeno[1,2,3-cd]pyrene	5.43	U	9.90	5.43	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Isophorone	5.82	U	9.90	5.82	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Methylnaphthalene	5.67	U	9.90	5.67	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Naphthalene	0.579	U	9.90	0.579	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Nitroaniline	5.84	U	48.0	5.84	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
3-Nitroaniline	6.35	U	48.0	6.35	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Nitroaniline	5.41	U	48.0	5.41	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Nitrobenzene	1.42	U	9.90	1.42	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
N-Nitrosodimethylamine	2.86	U	9.90	2.86	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
N-Nitrosodiphenylamine	0.946	U	9.90	0.946	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
N-Nitrosodi-n-propylamine	0.858	U	9.90	0.858	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Phenanthrene	6.09	U	9.90	6.09	mg/Kg		03/10/15 09:17	03/11/15 02:00	1

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

Lab Sample ID: MB 600-157583/1-A
Matrix: Waste
Analysis Batch: 157638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	6.63	U	9.90	6.63	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
1,2,4-Trichlorobenzene	6.32	U	9.90	6.32	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Benzyl alcohol	1.87	U	9.90	1.87	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Chloro-3-methylphenol	5.76	U	9.90	5.76	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Chlorophenol	0.699	U	9.90	0.699	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Methylphenol	1.14	U	9.90	1.14	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
3 & 4 Methylphenol	0.902	U	19.8	0.902	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4-Dichlorophenol	5.48	U	9.90	5.48	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4-Dimethylphenol	1.91	U	9.90	1.91	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4,6-Dinitro-2-methylphenol	6.20	U	48.0	6.20	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4-Dinitrophenol	3.84	U	48.0	3.84	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2-Nitrophenol	5.40	U	9.90	5.40	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
4-Nitrophenol	5.40	U	48.0	5.40	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Pentachlorophenol	0.664	U	48.0	0.664	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
Phenol	1.12	U	9.90	1.12	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4,5-Trichlorophenol	1.86	U	9.90	1.86	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
2,4,6-Trichlorophenol	5.40	U	9.90	5.40	mg/Kg		03/10/15 09:17	03/11/15 02:00	1
bis (2-Chloroisopropyl) ether	1.04	U	9.90	1.04	mg/Kg		03/10/15 09:17	03/11/15 02:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*93*		*46 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*
2-Fluorophenol	*94*		*45 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*
2-Fluorobiphenyl	*92*		*42 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*
2,4,6-Tribromophenol	*89*		*25 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*
Terphenyl-d14	*95*		*51 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*
Phenol-d5 (Surr)	*92*		*48 - 130*	*03/10/15 09:17*	*03/11/15 02:00*	*1*

Lab Sample ID: LCS 600-157583/2-A
Matrix: Waste
Analysis Batch: 157638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 157583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	44.71		mg/Kg		89	60 - 130
Acenaphthylene	50.0	44.62		mg/Kg		89	61 - 130
Anthracene	50.0	46.82		mg/Kg		94	69 - 130
Benzidine	100	50.42	J	mg/Kg		50	10 - 150
Benzo[a]anthracene	50.0	45.24		mg/Kg		90	70 - 130
Benzo[b]fluoranthene	50.0	52.12		mg/Kg		104	61 - 130
Benzo[k]fluoranthene	50.0	48.66		mg/Kg		97	70 - 130
Benzo[g,h,i]perylene	50.0	47.42		mg/Kg		95	56 - 130
Benzo[a]pyrene	50.0	48.87		mg/Kg		98	70 - 130
Bis(2-chloroethoxy)methane	50.0	44.33		mg/Kg		89	58 - 130
Bis(2-chloroethyl)ether	50.0	41.21		mg/Kg		82	53 - 130
Bis(2-ethylhexyl) phthalate	50.0	45.18		mg/Kg		90	57 - 130
4-Bromophenyl phenyl ether	50.0	45.60		mg/Kg		91	66 - 130
Butyl benzyl phthalate	50.0	44.94		mg/Kg		90	57 - 130
4-Chloroaniline	50.0	46.35		mg/Kg		93	63 - 130
2-Chloronaphthalene	50.0	44.11		mg/Kg		88	60 - 130

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

Lab Sample ID: LCS 600-157583/2-A
Matrix: Waste
Analysis Batch: 157638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 157583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	50.0	45.30		mg/Kg		91	67 - 130
Carbazole	50.0	46.70		mg/Kg		93	61 - 130
Chrysene	50.0	45.48		mg/Kg		91	67 - 130
Di-n-butyl phthalate	50.0	46.98		mg/Kg		94	61 - 130
Dibenz(a,h)anthracene	50.0	47.21		mg/Kg		94	60 - 130
Dibenzofuran	50.0	44.52		mg/Kg		89	66 - 130
1,2-Dichlorobenzene	50.0	38.61		mg/Kg		77	59 - 130
1,3-Dichlorobenzene	50.0	30.91		mg/Kg		62	58 - 130
1,4-Dichlorobenzene	50.0	37.92		mg/Kg		76	59 - 130
3,3'-Dichlorobenzidine	50.0	46.24		mg/Kg		92	64 - 130
Diethyl phthalate	50.0	45.98		mg/Kg		92	62 - 130
Dimethyl phthalate	50.0	44.93		mg/Kg		90	66 - 130
2,4-Dinitrotoluene	50.0	46.37		mg/Kg		93	66 - 130
2,6-Dinitrotoluene	50.0	44.04		mg/Kg		88	65 - 130
Di-n-octyl phthalate	50.0	44.49		mg/Kg		89	58 - 130
Fluoranthene	50.0	47.11		mg/Kg		94	68 - 130
Fluorene	50.0	44.49		mg/Kg		89	67 - 130
Hexachlorobenzene	50.0	46.92		mg/Kg		94	64 - 130
Hexachlorocyclopentadiene	50.0	41.79		mg/Kg		84	10 - 130
Hexachloroethane	50.0	38.45		mg/Kg		77	49 - 130
Hexachlorobutadiene	50.0	43.66		mg/Kg		87	52 - 130
Indeno[1,2,3-cd]pyrene	50.0	41.01		mg/Kg		82	49 - 130
Isophorone	50.0	44.18		mg/Kg		88	57 - 130
2-Methylnaphthalene	50.0	45.25		mg/Kg		91	66 - 130
Naphthalene	50.0	43.74		mg/Kg		87	63 - 130
2-Nitroaniline	50.0	44.24	J	mg/Kg		88	56 - 132
3-Nitroaniline	50.0	48.45		mg/Kg		97	65 - 130
4-Nitroaniline	50.0	58.11		mg/Kg		116	59 - 133
Nitrobenzene	50.0	42.38		mg/Kg		85	41 - 140
N-Nitrosodimethylamine	50.0	39.26		mg/Kg		79	53 - 139
N-Nitrosodiphenylamine	100	88.58		mg/Kg		89	70 - 130
N-Nitrosodi-n-propylamine	50.0	46.03		mg/Kg		92	54 - 142
Phenanthrene	50.0	46.17		mg/Kg		92	68 - 130
Pyrene	50.0	44.54		mg/Kg		89	64 - 130
1,2,4-Trichlorobenzene	50.0	43.05		mg/Kg		86	59 - 130
Benzyl alcohol	50.0	46.27		mg/Kg		93	58 - 130
4-Chloro-3-methylphenol	50.0	46.69		mg/Kg		93	62 - 130
2-Chlorophenol	50.0	45.05		mg/Kg		90	60 - 130
2-Methylphenol	50.0	47.06		mg/Kg		94	64 - 130
3 & 4 Methylphenol	50.0	45.46		mg/Kg		91	65 - 130
2,4-Dichlorophenol	50.0	46.16		mg/Kg		92	66 - 130
2,4-Dimethylphenol	50.0	46.28		mg/Kg		93	56 - 130
4,6-Dinitro-2-methylphenol	100	94.01		mg/Kg		94	29 - 132
2,4-Dinitrophenol	100	92.32		mg/Kg		92	10 - 147
2-Nitrophenol	50.0	44.05		mg/Kg		88	63 - 130
4-Nitrophenol	100	89.22		mg/Kg		89	23 - 137
Pentachlorophenol	100	96.99		mg/Kg		97	27 - 130
Phenol	50.0	46.79		mg/Kg		94	61 - 130

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

Lab Sample ID: LCS 600-157583/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157638 — **Prep Batch: 157583**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	50.0	45.38		mg/Kg		91	58 - 130
2,4,6-Trichlorophenol	50.0	45.57		mg/Kg		91	60 - 130
bis (2-Chloroisopropyl) ether	50.0	42.99		mg/Kg		86	41 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*89*		*46 - 130*
2-Fluorophenol	*95*		*45 - 130*
2-Fluorobiphenyl	*90*		*42 - 130*
2,4,6-Tribromophenol	*99*		*25 - 130*
Terphenyl-d14	*93*		*51 - 130*
Phenol-d5 (Surr)	*92*		*48 - 130*

Lab Sample ID: MB 600-157864/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157921 — **Prep Batch: 157864**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.00216	U	0.0100	0.00216	mg/L		03/13/15 07:47	03/13/15 16:44	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		03/13/15 07:47	03/13/15 16:44	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		03/13/15 07:47	03/13/15 16:44	1
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		03/13/15 07:47	03/13/15 16:44	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		03/13/15 07:47	03/13/15 16:44	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		03/13/15 07:47	03/13/15 16:44	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		03/13/15 07:47	03/13/15 16:44	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		03/13/15 07:47	03/13/15 16:44	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		03/13/15 07:47	03/13/15 16:44	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		03/13/15 07:47	03/13/15 16:44	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		03/13/15 07:47	03/13/15 16:44	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		03/13/15 07:47	03/13/15 16:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*85*		*35 - 130*	*03/13/15 07:47*	*03/13/15 16:44*	*1*
2-Fluorophenol	*50*		*10 - 130*	*03/13/15 07:47*	*03/13/15 16:44*	*1*
2-Fluorobiphenyl	*84*		*41 - 130*	*03/13/15 07:47*	*03/13/15 16:44*	*1*
2,4,6-Tribromophenol	*82*		*12 - 138*	*03/13/15 07:47*	*03/13/15 16:44*	*1*
Terphenyl-d14	*95*		*43 - 130*	*03/13/15 07:47*	*03/13/15 16:44*	*1*
Phenol-d5 (Surr)	*31*		*10 - 130*	*03/13/15 07:47*	*03/13/15 16:44*	*1*

Lab Sample ID: LCS 600-157864/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157921 — **Prep Batch: 157864**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0500	0.007212	J	mg/L		14	10 - 130
1,4-Dichlorobenzene	0.0500	0.04151		mg/L		83	57 - 130
2,4-Dinitrotoluene	0.0500	0.04391		mg/L		88	60 - 130
Hexachlorobenzene	0.0500	0.04628		mg/L		93	61 - 130
Hexachloroethane	0.0500	0.04078		mg/L		82	52 - 130

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

Lab Sample ID: LCS 600-157864/2-A
Matrix: Waste
Analysis Batch: 157921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 157864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	0.0500	0.04417		mg/L		88	52 - 130
Nitrobenzene	0.0500	0.04065		mg/L		81	55 - 130
2-Methylphenol	0.0500	0.03353		mg/L		67	39 - 130
3 & 4 Methylphenol	0.0500	0.03038		mg/L		61	29 - 130
Pentachlorophenol	0.100	0.06912		mg/L		69	29 - 141
2,4,5-Trichlorophenol	0.0500	0.04556		mg/L		91	51 - 130
2,4,6-Trichlorophenol	0.0500	0.04520		mg/L		90	49 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*86*		*35 - 130*
2-Fluorophenol	*49*		*10 - 130*
2-Fluorobiphenyl	*86*		*41 - 130*
2,4,6-Tribromophenol	*103*		*12 - 138*
Terphenyl-d14	*92*		*43 - 130*
Phenol-d5 (Surr)	*30*		*10 - 130*

Lab Sample ID: LB 600-157764/1-F
Matrix: Waste
Analysis Batch: 157921

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 157864

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		03/13/15 07:47	03/13/15 18:18	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		03/13/15 07:47	03/13/15 18:18	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		03/13/15 07:47	03/13/15 18:18	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		03/13/15 07:47	03/13/15 18:18	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		03/13/15 07:47	03/13/15 18:18	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		03/13/15 07:47	03/13/15 18:18	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		03/13/15 07:47	03/13/15 18:18	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		03/13/15 07:47	03/13/15 18:18	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		03/13/15 07:47	03/13/15 18:18	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		03/13/15 07:47	03/13/15 18:18	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		03/13/15 07:47	03/13/15 18:18	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		03/13/15 07:47	03/13/15 18:18	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*35 - 130*	*03/13/15 07:47*	*03/13/15 18:18*	*1*
2-Fluorophenol	*72*		*10 - 130*	*03/13/15 07:47*	*03/13/15 18:18*	*1*
2-Fluorobiphenyl	*87*		*41 - 130*	*03/13/15 07:47*	*03/13/15 18:18*	*1*
2,4,6-Tribromophenol	*95*		*12 - 138*	*03/13/15 07:47*	*03/13/15 18:18*	*1*
Terphenyl-d14	*105*		*43 - 130*	*03/13/15 07:47*	*03/13/15 18:18*	*1*
Phenol-d5 (Surr)	*61*		*10 - 130*	*03/13/15 07:47*	*03/13/15 18:18*	*1*

Lab Sample ID: LB 600-157765/1-D
Matrix: Waste
Analysis Batch: 157921

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 157864

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		03/13/15 07:47	03/13/15 17:47	1

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

Lab Sample ID: LB 600-157765/1-D
Matrix: Waste
Analysis Batch: 157921

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 157864

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		03/13/15 07:47	03/13/15 17:47	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		03/13/15 07:47	03/13/15 17:47	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		03/13/15 07:47	03/13/15 17:47	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		03/13/15 07:47	03/13/15 17:47	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		03/13/15 07:47	03/13/15 17:47	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		03/13/15 07:47	03/13/15 17:47	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		03/13/15 07:47	03/13/15 17:47	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		03/13/15 07:47	03/13/15 17:47	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		03/13/15 07:47	03/13/15 17:47	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		03/13/15 07:47	03/13/15 17:47	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		03/13/15 07:47	03/13/15 17:47	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*35 - 130*	*03/13/15 07:47*	*03/13/15 17:47*	*1*
2-Fluorophenol	*74*		*10 - 130*	*03/13/15 07:47*	*03/13/15 17:47*	*1*
2-Fluorobiphenyl	*89*		*41 - 130*	*03/13/15 07:47*	*03/13/15 17:47*	*1*
2,4,6-Tribromophenol	*100*		*12 - 138*	*03/13/15 07:47*	*03/13/15 17:47*	*1*
Terphenyl-d14	*100*		*43 - 130*	*03/13/15 07:47*	*03/13/15 17:47*	*1*
Phenol-d5 (Surr)	*60*		*10 - 130*	*03/13/15 07:47*	*03/13/15 17:47*	*1*

Lab Sample ID: LB 600-157877/1-D
Matrix: Waste
Analysis Batch: 157978

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 157864

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		03/13/15 14:29	03/16/15 10:56	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		03/13/15 14:29	03/16/15 10:56	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		03/13/15 14:29	03/16/15 10:56	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		03/13/15 14:29	03/16/15 10:56	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		03/13/15 14:29	03/16/15 10:56	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		03/13/15 14:29	03/16/15 10:56	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		03/13/15 14:29	03/16/15 10:56	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		03/13/15 14:29	03/16/15 10:56	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		03/13/15 14:29	03/16/15 10:56	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		03/13/15 14:29	03/16/15 10:56	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		03/13/15 14:29	03/16/15 10:56	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		03/13/15 14:29	03/16/15 10:56	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*93*		*35 - 130*	*03/13/15 14:29*	*03/16/15 10:56*	*1*
2-Fluorophenol	*78*		*10 - 130*	*03/13/15 14:29*	*03/16/15 10:56*	*1*
2-Fluorobiphenyl	*91*		*41 - 130*	*03/13/15 14:29*	*03/16/15 10:56*	*1*
2,4,6-Tribromophenol	*96*		*12 - 138*	*03/13/15 14:29*	*03/16/15 10:56*	*1*
Terphenyl-d14	*101*		*43 - 130*	*03/13/15 14:29*	*03/16/15 10:56*	*1*
Phenol-d5 (Surr)	*61*		*10 - 130*	*03/13/15 14:29*	*03/16/15 10:56*	*1*

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

Lab Sample ID: 600-107836-1 MS — **Client Sample ID: VB 2564-T108**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157978 — **Prep Batch: 157864**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	1.62	U F1	0.250	0.0325	U F1	mg/L		0	10 - 130
1,4-Dichlorobenzene	1.33	U F1	0.250	0.0267	U F1	mg/L		0	57 - 130
2,4-Dinitrotoluene	1.97	U F1	0.250	0.0395	U F1	mg/L		0	60 - 130
Hexachlorobenzene	1.94	U F1	0.250	0.0389	U F1	mg/L		0	61 - 130
Hexachloroethane	1.65	U F1	0.250	0.0329	U F1	mg/L		0	52 - 130
Hexachlorobutadiene	1.59	U F1	0.250	0.0317	U F1	mg/L		0	52 - 130
Nitrobenzene	1.86	U F1	0.250	0.0372	U F1	mg/L		0	55 - 130
2-Methylphenol	1.81	J	0.250	0.04428	J 4	mg/L		-706	39 - 130
3 & 4 Methylphenol	4.14	J	0.250	0.09716	J 4	mg/L		-1615	29 - 130
Pentachlorophenol	3.47	U F1	0.500	0.0693	U F1	mg/L		0	29 - 141
2,4,5-Trichlorophenol	2.04	U F1	0.250	0.0407	U F1	mg/L		0	51 - 130
2,4,6-Trichlorophenol	1.94	U F1	0.250	0.0388	U F1	mg/L		0	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*

Lab Sample ID: 600-107836-3 MS — **Client Sample ID: VB 25315 --T7T8T11T10T9T4**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157978 — **Prep Batch: 157864**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.108	U F1	0.250	0.108	U F1	mg/L		0	10 - 130
1,4-Dichlorobenzene	0.0890	U	0.250	0.2151	J	mg/L		86	57 - 130
2,4-Dinitrotoluene	0.132	U	0.250	0.2322	J	mg/L		93	60 - 130
Hexachlorobenzene	0.130	U	0.250	0.2362	J	mg/L		94	61 - 130
Hexachloroethane	0.110	U	0.250	0.2058	J	mg/L		82	52 - 130
Hexachlorobutadiene	0.106	U	0.250	0.2402	J	mg/L		96	52 - 130
Nitrobenzene	0.124	U	0.250	0.2333	J	mg/L		93	55 - 130
2-Methylphenol	0.142	J	0.250	0.3131	J	mg/L		68	39 - 130
3 & 4 Methylphenol	0.501	J	0.250	0.5956	J	mg/L		38	29 - 130
Pentachlorophenol	0.231	U	0.500	0.6097	J	mg/L		122	29 - 141
2,4,5-Trichlorophenol	0.136	U	0.250	0.2149	J	mg/L		86	51 - 130
2,4,6-Trichlorophenol	0.152	J	0.250	0.3722	J	mg/L		88	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*93*		*35 - 130*
2-Fluorophenol	*71*		*10 - 130*
2-Fluorobiphenyl	*98*		*41 - 130*
2,4,6-Tribromophenol	*108*		*12 - 138*
Terphenyl-d14	*104*		*43 - 130*
Phenol-d5 (Surr)	*50*		*10 - 130*

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

Lab Sample ID: 600-107836-B-2-L MS — **Client Sample ID: 600-107836-B-2-L MS**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157978 — **Prep Batch: 157864**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.541	U	0.250	0.541	U	mg/L		NC	10 - 130
1,4-Dichlorobenzene	0.445	U	0.250	0.445	U	mg/L		NC	57 - 130
2,4-Dinitrotoluene	0.658	U	0.250	0.658	U	mg/L		NC	60 - 130
Hexachlorobenzene	0.648	U	0.250	0.648	U	mg/L		NC	61 - 130
Hexachloroethane	0.549	U	0.250	0.549	U	mg/L		NC	52 - 130
Hexachlorobutadiene	0.529	U	0.250	0.529	U	mg/L		NC	52 - 130
Nitrobenzene	0.621	U	0.250	0.621	U	mg/L		NC	55 - 130
2-Methylphenol	0.452	U	0.250	0.4558	J	mg/L		NC	39 - 130
3 & 4 Methylphenol	1.38	J	0.250	1.601	J 4	mg/L		89	29 - 130
Pentachlorophenol	1.16	U	0.500	1.16	U	mg/L		NC	29 - 141
2,4,5-Trichlorophenol	0.679	U	0.250	0.679	U	mg/L		NC	51 - 130
2,4,6-Trichlorophenol	0.890	J	0.250	1.183	J	mg/L		117	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 600-157681/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157578 — **Prep Batch: 157681**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		03/11/15 08:32	03/11/15 07:56	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		03/11/15 08:32	03/11/15 07:56	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		03/11/15 08:32	03/11/15 07:56	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		03/11/15 08:32	03/11/15 07:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*114*		*70 - 130*	*03/11/15 08:32*	*03/11/15 07:56*	*1*

Lab Sample ID: LCS 600-157681/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157578 — **Prep Batch: 157681**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	250	281.4		mg/Kg		113	75 - 125
>C12-C28	250	267.8		mg/Kg		107	75 - 125
C6-C35	500	549.2		mg/Kg		110	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*107*		*70 - 130*

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

Lab Sample ID: LCSD 600-157681/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157578 — **Prep Batch: 157681**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12	250	282.8		mg/Kg		113	75 - 125	0	20
>C12-C28	250	271.0		mg/Kg		108	75 - 125	1	20
C6-C35	500	553.8		mg/Kg		111	75 - 125	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*104*		*70 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-157839/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		03/12/15 15:29	03/13/15 14:04	1
Barium	0.00220	U	0.0200	0.00220	mg/L		03/12/15 15:29	03/13/15 14:04	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		03/12/15 15:29	03/13/15 14:04	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		03/12/15 15:29	03/13/15 14:04	1
Lead	0.00290	U	0.0100	0.00290	mg/L		03/12/15 15:29	03/13/15 14:04	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		03/12/15 15:29	03/13/15 14:04	1
Silver	0.00125	U	0.0100	0.00125	mg/L		03/12/15 15:29	03/13/15 14:04	1

Lab Sample ID: LCS 600-157839/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.063		mg/L		106	80 - 120
Barium	1.00	1.068		mg/L		107	80 - 120
Cadmium	0.500	0.5334		mg/L		107	80 - 120
Chromium	1.00	1.046		mg/L		105	80 - 120
Lead	1.00	1.043		mg/L		104	80 - 120
Selenium	1.00	1.064		mg/L		106	80 - 120
Silver	0.500	0.5373		mg/L		107	80 - 120

Lab Sample ID: MB 600-157911/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 158027 — **Prep Batch: 157911**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		03/13/15 12:03	03/16/15 11:15	1
Barium	0.00220	U	0.0200	0.00220	mg/L		03/13/15 12:03	03/16/15 11:15	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		03/13/15 12:03	03/16/15 11:15	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		03/13/15 12:03	03/16/15 11:15	1
Lead	0.00290	U	0.0100	0.00290	mg/L		03/13/15 12:03	03/16/15 11:15	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		03/13/15 12:03	03/16/15 11:15	1
Silver	0.00125	U	0.0100	0.00125	mg/L		03/13/15 12:03	03/16/15 11:15	1

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

Lab Sample ID: LCS 600-157911/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 158027 — **Prep Batch: 157911**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.027		mg/L		103	80 - 120
Barium	1.00	1.027		mg/L		103	80 - 120
Cadmium	0.500	0.5171		mg/L		103	80 - 120
Chromium	1.00	1.009		mg/L		101	80 - 120
Lead	1.00	1.012		mg/L		101	80 - 120
Selenium	1.00	1.035		mg/L		104	80 - 120
Silver	0.500	0.5174		mg/L		103	80 - 120

Lab Sample ID: MB 490-233045/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 233298 — **Prep Batch: 233045**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.869	U	1.93	0.869	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Barium	1.54	U	1.93	1.54	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Cadmium	0.0965	U	0.965	0.0965	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Chromium	0.579	U	0.965	0.579	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Lead	0.483	U	0.965	0.483	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Selenium	0.965	U	1.93	0.965	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Silver	0.483	U	0.965	0.483	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Sodium	119.8	J	193	96.5	mg/Kg		03/11/15 18:58	03/12/15 11:17	1
Sulfur	19.3	U	48.3	19.3	mg/Kg		03/11/15 18:58	03/12/15 11:17	1

Lab Sample ID: LCS 490-233045/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 233298 — **Prep Batch: 233045**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	19.4	16.89		mg/Kg		87	80 - 120
Barium	777	762.9		mg/Kg		98	80 - 120
Cadmium	19.4	18.62		mg/Kg		96	80 - 120
Chromium	77.7	78.02		mg/Kg		100	80 - 120
Lead	19.4	18.97		mg/Kg		98	80 - 120
Selenium	19.4	16.80		mg/Kg		86	80 - 120
Silver	19.4	17.20		mg/Kg		89	80 - 120
Sodium	1940	1870		mg/Kg		96	80 - 120
Sulfur	388	355.5		mg/Kg		92	80 - 120

Lab Sample ID: LCSD 490-233045/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 233298 — **Prep Batch: 233045**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	19.4	17.26		mg/Kg		89	80 - 120	2	20
Barium	777	766.6		mg/Kg		99	80 - 120	0	20
Cadmium	19.4	18.78		mg/Kg		97	80 - 120	1	20
Chromium	77.7	77.81		mg/Kg		100	80 - 120	0	20
Lead	19.4	18.93		mg/Kg		97	80 - 120	0	20
Selenium	19.4	17.26		mg/Kg		89	80 - 120	3	20

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

Lab Sample ID: LCSD 490-233045/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 233298 — **Prep Batch: 233045**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	19.4	17.26		mg/Kg		89	80 - 120	0	20
Sodium	1940	1877		mg/Kg		97	80 - 120	0	20
Sulfur	388	360.8		mg/Kg		93	80 - 120	1	20

Lab Sample ID: LB 600-157764/1-D — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.03500	J	0.100	0.0328	mg/L		03/12/15 15:29	03/13/15 14:08	1
Barium	0.1730	J	0.200	0.0220	mg/L		03/12/15 15:29	03/13/15 14:08	1
Cadmium	0.006000	J	0.0500	0.00350	mg/L		03/12/15 15:29	03/13/15 14:08	1
Chromium	0.01900	J	0.100	0.0155	mg/L		03/12/15 15:29	03/13/15 14:08	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/12/15 15:29	03/13/15 14:08	1
Selenium	0.0417	U	0.400	0.0417	mg/L		03/12/15 15:29	03/13/15 14:08	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/12/15 15:29	03/13/15 14:08	1

Lab Sample ID: LB 600-157765/1-B — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		03/12/15 15:29	03/13/15 15:05	1
Barium	0.09600	J	0.200	0.0220	mg/L		03/12/15 15:29	03/13/15 15:05	1
Cadmium	0.004000	J	0.0500	0.00350	mg/L		03/12/15 15:29	03/13/15 15:05	1
Chromium	0.01600	J	0.100	0.0155	mg/L		03/12/15 15:29	03/13/15 15:05	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/12/15 15:29	03/13/15 15:05	1
Selenium	0.0417	U	0.400	0.0417	mg/L		03/12/15 15:29	03/13/15 15:05	1
Silver	0.01900	J	0.100	0.0125	mg/L		03/12/15 15:29	03/13/15 15:05	1

Lab Sample ID: 600-107836-1 MS — **Client Sample ID: VB 2564-T108**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0750	J B	10.0	11.33		mg/L		113	75 - 125
Barium	0.173	J B	10.0	10.87		mg/L		107	75 - 125
Cadmium	0.00350	U	5.00	5.567		mg/L		111	75 - 125
Chromium	0.184	B	10.0	10.66		mg/L		105	75 - 125
Lead	0.0290	U	10.0	10.72		mg/L		107	75 - 125
Selenium	0.0417	U	10.0	11.35		mg/L		114	75 - 125
Silver	0.0125	U	5.00	5.498		mg/L		110	75 - 125

Lab Sample ID: 600-107836-2 MS — **Client Sample ID: VB 25203-T1T11T3**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0510	J	10.0	11.58		mg/L		115	75 - 125

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

Lab Sample ID: 600-107836-2 MS — **Client Sample ID: VB 25203-T1T11T3**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157910 — **Prep Batch: 157839**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.148	J B	10.0	10.91		mg/L		108	75 - 125
Cadmium	0.00350	U	5.00	5.697		mg/L		114	75 - 125
Chromium	0.0410	J B	10.0	10.64		mg/L		106	75 - 125
Lead	0.0290	U	10.0	10.78		mg/L		108	75 - 125
Selenium	0.0417	U	10.0	11.53		mg/L		115	75 - 125
Silver	0.0125	U	5.00	5.776		mg/L		116	75 - 125

Lab Sample ID: LB 600-157877/1-C — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 158027 — **Prep Batch: 157911**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		03/13/15 12:03	03/16/15 11:20	1
Barium	0.09500	J	0.200	0.0220	mg/L		03/13/15 12:03	03/16/15 11:20	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		03/13/15 12:03	03/16/15 11:20	1
Chromium	0.01700	J	0.100	0.0155	mg/L		03/13/15 12:03	03/16/15 11:20	1
Lead	0.0290	U	0.100	0.0290	mg/L		03/13/15 12:03	03/16/15 11:20	1
Selenium	0.05600	J	0.400	0.0417	mg/L		03/13/15 12:03	03/16/15 11:20	1
Silver	0.0125	U	0.100	0.0125	mg/L		03/13/15 12:03	03/16/15 11:20	1

Lab Sample ID: 600-107836-3 MS — **Client Sample ID: VB 25315 --T7T8T11T10T9T4**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 158027 — **Prep Batch: 157911**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	10.74		mg/L		107	75 - 125
Barium	0.142	J B	10.0	10.26		mg/L		101	75 - 125
Cadmium	0.00350	U	5.00	5.255		mg/L		105	75 - 125
Chromium	0.0250	J B	10.0	9.893		mg/L		99	75 - 125
Lead	0.0290	U	10.0	10.25		mg/L		103	75 - 125
Selenium	0.0417	U	10.0	10.72		mg/L		107	75 - 125
Silver	0.0125	U	5.00	5.297		mg/L		106	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-157861/7-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		03/13/15 07:00	03/13/15 10:40	1

Lab Sample ID: LCS 600-157861/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1453		mg/L		95	70 - 130

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

Lab Sample ID: MB 600-157862/7-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157912 — **Prep Batch: 157862**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		03/13/15 07:07	03/13/15 11:53	1

Lab Sample ID: LCS 600-157862/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157912 — **Prep Batch: 157862**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1430		mg/L		93	70 - 130

Lab Sample ID: LB 600-157764/1-E — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		03/13/15 07:00	03/13/15 10:44	1

Lab Sample ID: LB 600-157765/1-C — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		03/13/15 07:00	03/13/15 11:10	1

Lab Sample ID: 600-107836-1 MS — **Client Sample ID: VB 2564-T108**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000820	U	0.0300	0.02753		mg/L		92	75 - 125

Lab Sample ID: 600-107836-2 MS — **Client Sample ID: VB 25203-T1T11T3**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157861**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000820	U	0.0300	0.03049		mg/L		102	75 - 125

Lab Sample ID: LB 600-157877/1-B — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157862**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		03/13/15 11:57	03/13/15 13:33	1

Lab Sample ID: 600-107836-3 MS — **Client Sample ID: VB 25315 --T7T8T11T10T9T4**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 157912 — **Prep Batch: 157862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0000820	U	0.00300	0.003618		mg/L		121	75 - 125

QC Sample Results

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

TestAmerica Job ID: 600-107836-1

Lab Sample ID: 600-107836-3 DU
Matrix: Waste
Analysis Batch: 157912

Client Sample ID: VB 25315 --T7T8T11T10T9T4
Prep Type: TCLP
Prep Batch: 157862

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.0000820	U		0.0000820	U	mg/L				NC	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 600-157771/7-A
Matrix: Waste
Analysis Batch: 157782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 157771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.007346	J	0.0159	0.00336	mg/Kg		03/12/15 07:09	03/12/15 08:49	1

Lab Sample ID: LCSSRM 600-157771/8-A ^50
Matrix: Waste
Analysis Batch: 157782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 157771

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			5.76	6.563		mg/Kg		113.9	71.2 - 128.6		

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

Lab Sample ID: MB 600-157844/1
Matrix: Waste
Analysis Batch: 157844

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			03/12/15 07:45	1

Lab Sample ID: LCS 600-157844/2
Matrix: Waste
Analysis Batch: 157844

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	96.9 - 103.1 09		

Lab Sample ID: MB 600-157941/1
Matrix: Waste
Analysis Batch: 157941

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			03/13/15 13:15	1

Lab Sample ID: LCS 600-157941/2
Matrix: Waste
Analysis Batch: 157941

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	80.00		Degrees F		99	96.9 - 103.1 09		

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method (Continued)

Lab Sample ID: 600-107836-4 DU — **Client Sample ID: VB 25146-FT1DO1FT215012WMU**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157941

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>186			>186		Degrees F				NC	20

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 600-157829/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157950 — **Prep Batch: 157829**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	0.0855	U	0.250	0.0855	mg/Kg		03/12/15 10:45	03/13/15 14:45	1

Lab Sample ID: LCS 600-157829/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157950 — **Prep Batch: 157829**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Reactive			1000	8.032		mg/Kg		0.8	0 - 200		

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 240-171932/3-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 172068 — **Prep Batch: 171932**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	33.7	U	198	33.7	mg/Kg		03/13/15 07:03	03/13/15 10:35	1

Lab Sample ID: LCS 240-171932/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 172068 — **Prep Batch: 171932**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Halogens, Extractable Organic			1000	994.1		mg/Kg		99	75 - 125		

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

Lab Sample ID: MB 600-157829/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157952 — **Prep Batch: 157829**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		03/12/15 10:45	03/12/15 10:45	1

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

Lab Sample ID: LCS 600-157829/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157952 — **Prep Batch: 157829**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	200.0		mg/Kg		20	0 - 200

Method: 9040B - pH

Lab Sample ID: LCS 600-157932/1 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 157932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.020		SU		100	99 - 101

QC Association Summary

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

TestAmerica Job ID: 600-107836-1

GC/MS VOA

Leach Batch: 135733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	1311	
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	1311	
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	1311	
600-107836-2 MSD	VB 25203-T1T11T3	TCLP	Waste	1311	
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	1311	

Analysis Batch: 135829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	8260B	135733
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	8260B	135733
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	8260B	135733
600-107836-2 MSD	VB 25203-T1T11T3	TCLP	Waste	8260B	135733
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	8260B	135733
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	8260B	135733
LCS 180-135829/12	Lab Control Sample	Total/NA	Waste	8260B	
MB 180-135829/5	Method Blank	Total/NA	Waste	8260B	

Prep Batch: 157724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	5030B	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	5030B	
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	5030B	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	5030B	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	5030B	
LCS 600-157724/1-A	Lab Control Sample	Total/NA	Waste	5030B	
LCSD 600-157724/2-A	Lab Control Sample Dup	Total/NA	Waste	5030B	
MB 600-157724/3-A	Method Blank	Total/NA	Waste	5030B	

Analysis Batch: 157726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	8260B	157724
LCS 600-157724/1-A	Lab Control Sample	Total/NA	Waste	8260B	157724
LCSD 600-157724/2-A	Lab Control Sample Dup	Total/NA	Waste	8260B	157724
MB 600-157724/3-A	Method Blank	Total/NA	Waste	8260B	157724

Analysis Batch: 157884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	8260B	157724
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	8260B	157724
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	8260B	157724
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	8260B	157724

GC/MS Semi VOA

Prep Batch: 157583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	3580A	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	3580A	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	3580A	

GC/MS Semi VOA (Continued)

Prep Batch: 157583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	3580A	
LCS 600-157583/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 600-157583/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 157638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	8270C	157583
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	8270C	157583
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	8270C	157583
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	8270C	157583
LCS 600-157583/2-A	Lab Control Sample	Total/NA	Waste	8270C	157583
MB 600-157583/1-A	Method Blank	Total/NA	Waste	8270C	157583

Leach Batch: 157764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	1311	
600-107836-1 MS	VB 2564-T108	TCLP	Waste	1311	
LB 600-157764/1-F	Method Blank	TCLP	Waste	1311	

Leach Batch: 157765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	1311	
600-107836-B-2-L MS	600-107836-B-2-L MS	TCLP	Waste	1311	
LB 600-157765/1-D	Method Blank	TCLP	Waste	1311	

Prep Batch: 157864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	3510C	157764
600-107836-1 MS	VB 2564-T108	TCLP	Waste	3510C	157764
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	3510C	157765
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	3510C	157877
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	3510C	157877
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	3510C	157877
600-107836-B-2-L MS	600-107836-B-2-L MS	TCLP	Waste	3510C	157765
LB 600-157764/1-F	Method Blank	TCLP	Waste	3510C	157764
LB 600-157765/1-D	Method Blank	TCLP	Waste	3510C	157765
LB 600-157877/1-D	Method Blank	TCLP	Waste	3510C	157877
LCS 600-157864/2-A	Lab Control Sample	Total/NA	Waste	3510C	
MB 600-157864/1-A	Method Blank	Total/NA	Waste	3510C	

Leach Batch: 157877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	1311	
LB 600-157877/1-D	Method Blank	TCLP	Waste	1311	

Analysis Batch: 157921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-157764/1-F	Method Blank	TCLP	Waste	8270C	157864
LB 600-157765/1-D	Method Blank	TCLP	Waste	8270C	157864

GC/MS Semi VOA (Continued)

Analysis Batch: 157921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-157864/2-A	Lab Control Sample	Total/NA	Waste	8270C	157864
MB 600-157864/1-A	Method Blank	Total/NA	Waste	8270C	157864

Analysis Batch: 157978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	8270C	157864
600-107836-1 MS	VB 2564-T108	TCLP	Waste	8270C	157864
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	8270C	157864
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	8270C	157864
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	8270C	157864
600-107836-B-2-L MS	600-107836-B-2-L MS	TCLP	Waste	8270C	157864
LB 600-157877/1-D	Method Blank	TCLP	Waste	8270C	157864

Analysis Batch: 158701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	8270C	157864

GC Semi VOA

Analysis Batch: 157578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-157681/2-A	Lab Control Sample	Total/NA	Waste	TX 1005	157681
LCSD 600-157681/3-A	Lab Control Sample Dup	Total/NA	Waste	TX 1005	157681
MB 600-157681/1-A	Method Blank	Total/NA	Waste	TX 1005	157681

Prep Batch: 157681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1 - DL	VB 2564-T108	Total/NA	Waste	TX_1005_S_Prep	
600-107836-2 - DL	VB 25203-T1T11T3	Total/NA	Waste	TX_1005_S_Prep	
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	TX_1005_S_Prep	
600-107836-4 - DL	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	TX_1005_S_Prep	
LCS 600-157681/2-A	Lab Control Sample	Total/NA	Waste	TX_1005_S_Prep	
LCSD 600-157681/3-A	Lab Control Sample Dup	Total/NA	Waste	TX_1005_S_Prep	
MB 600-157681/1-A	Method Blank	Total/NA	Waste	TX_1005_S_Prep	

Analysis Batch: 157691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1 - DL	VB 2564-T108	Total/NA	Waste	TX 1005	157681
600-107836-2 - DL	VB 25203-T1T11T3	Total/NA	Waste	TX 1005	157681
600-107836-3 - DL	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	TX 1005	157681
600-107836-4 - DL	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	TX 1005	157681

QC Association Summary

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

TestAmerica Job ID: 600-107836-1

Metals

Leach Batch: 157764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	1311	
600-107836-1 MS	VB 2564-T108	TCLP	Waste	1311	
LB 600-157764/1-D	Method Blank	TCLP	Waste	1311	
LB 600-157764/1-E	Method Blank	TCLP	Waste	1311	

Leach Batch: 157765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	1311	
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	1311	
LB 600-157765/1-B	Method Blank	TCLP	Waste	1311	
LB 600-157765/1-C	Method Blank	TCLP	Waste	1311	

Prep Batch: 157771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	7471A	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	7471A	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	7471A	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	7471A	
LCSSRM 600-157771/8-A ^50	Lab Control Sample	Total/NA	Waste	7471A	
MB 600-157771/7-A	Method Blank	Total/NA	Waste	7471A	

Analysis Batch: 157782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	7471A	157771
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	7471A	157771
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	7471A	157771
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	7471A	157771
LCSSRM 600-157771/8-A ^50	Lab Control Sample	Total/NA	Waste	7471A	157771
MB 600-157771/7-A	Method Blank	Total/NA	Waste	7471A	157771

Prep Batch: 157839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	3010A	157764
600-107836-1 MS	VB 2564-T108	TCLP	Waste	3010A	157764
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	3010A	157765
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	3010A	157765
LB 600-157764/1-D	Method Blank	TCLP	Waste	3010A	157764
LB 600-157765/1-B	Method Blank	TCLP	Waste	3010A	157765
LCS 600-157839/2-A	Lab Control Sample	Total/NA	Waste	3010A	
MB 600-157839/1-A	Method Blank	Total/NA	Waste	3010A	

Prep Batch: 157861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	7470A	157764
600-107836-1 MS	VB 2564-T108	TCLP	Waste	7470A	157764
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	7470A	157765
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	7470A	157765
LB 600-157764/1-E	Method Blank	TCLP	Waste	7470A	157764
LB 600-157765/1-C	Method Blank	TCLP	Waste	7470A	157765
LCS 600-157861/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	
MB 600-157861/7-A	Method Blank	Total/NA	Waste	7470A	

Metals (Continued)

Prep Batch: 157862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157877
600-107836-3 DU	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157877
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157877
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	7470A	157877
LB 600-157877/1-B	Method Blank	TCLP	Waste	7470A	157877
LCS 600-157862/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	
MB 600-157862/7-A	Method Blank	Total/NA	Waste	7470A	

Leach Batch: 157877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-3 DU	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	1311	
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	1311	
LB 600-157877/1-B	Method Blank	TCLP	Waste	1311	
LB 600-157877/1-C	Method Blank	TCLP	Waste	1311	

Analysis Batch: 157910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	6010B	157839
600-107836-1 MS	VB 2564-T108	TCLP	Waste	6010B	157839
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	6010B	157839
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	6010B	157839
LB 600-157764/1-D	Method Blank	TCLP	Waste	6010B	157839
LB 600-157765/1-B	Method Blank	TCLP	Waste	6010B	157839
LCS 600-157839/2-A	Lab Control Sample	Total/NA	Waste	6010B	157839
MB 600-157839/1-A	Method Blank	Total/NA	Waste	6010B	157839

Prep Batch: 157911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	3010A	157877
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	3010A	157877
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	3010A	157877
LB 600-157877/1-C	Method Blank	TCLP	Waste	3010A	157877
LCS 600-157911/2-A	Lab Control Sample	Total/NA	Waste	3010A	
MB 600-157911/1-A	Method Blank	Total/NA	Waste	3010A	

Analysis Batch: 157912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	TCLP	Waste	7470A	157861
600-107836-1 MS	VB 2564-T108	TCLP	Waste	7470A	157861
600-107836-2	VB 25203-T1T11T3	TCLP	Waste	7470A	157861
600-107836-2 MS	VB 25203-T1T11T3	TCLP	Waste	7470A	157861
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157862
600-107836-3 DU	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157862
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	7470A	157862
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	7470A	157862
LB 600-157764/1-E	Method Blank	TCLP	Waste	7470A	157861
LB 600-157765/1-C	Method Blank	TCLP	Waste	7470A	157861
LB 600-157877/1-B	Method Blank	TCLP	Waste	7470A	157862
LCS 600-157861/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	157861

Metals (Continued)

Analysis Batch: 157912 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-157862/8-A ^50	Lab Control Sample	Total/NA	Waste	7470A	157862
MB 600-157861/7-A	Method Blank	Total/NA	Waste	7470A	157861
MB 600-157862/7-A	Method Blank	Total/NA	Waste	7470A	157862

Analysis Batch: 158027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-3	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	6010B	157911
600-107836-3 MS	VB 25315 --T7T8T11T10T9T4	TCLP	Waste	6010B	157911
600-107836-4	VB 25146-FT1DO1FT215012WMU	TCLP	Waste	6010B	157911
LB 600-157877/1-C	Method Blank	TCLP	Waste	6010B	157911
LCS 600-157911/2-A	Lab Control Sample	Total/NA	Waste	6010B	157911
MB 600-157911/1-A	Method Blank	Total/NA	Waste	6010B	157911

Prep Batch: 233045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	3051A	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	3051A	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	3051A	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	3051A	
LCS 490-233045/2-A	Lab Control Sample	Total/NA	Waste	3051A	
LCSD 490-233045/3-A	Lab Control Sample Dup	Total/NA	Waste	3051A	
MB 490-233045/1-A	Method Blank	Total/NA	Waste	3051A	

Analysis Batch: 233298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	6010B	233045
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	6010B	233045
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	6010B	233045
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	6010B	233045
LCS 490-233045/2-A	Lab Control Sample	Total/NA	Waste	6010B	233045
LCSD 490-233045/3-A	Lab Control Sample Dup	Total/NA	Waste	6010B	233045
MB 490-233045/1-A	Method Blank	Total/NA	Waste	6010B	233045

General Chemistry

Analysis Batch: 113810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	D1796	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	D1796	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	D1796	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	D1796	

Prep Batch: 157829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	7.3.4	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	7.3.4	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	7.3.4	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	7.3.4	
LCS 600-157829/2-A	Lab Control Sample	Total/NA	Waste	7.3.4	
LCS 600-157829/3-A	Lab Control Sample	Total/NA	Waste	7.3.4	

General Chemistry (Continued)

Prep Batch: 157829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 600-157829/1-A	Method Blank	Total/NA	Waste	7.3.4	

Analysis Batch: 157844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	1010	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	1010	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	1010	
LCS 600-157844/2	Lab Control Sample	Total/NA	Waste	1010	
MB 600-157844/1	Method Blank	Total/NA	Waste	1010	

Analysis Batch: 157932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	9040B	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	9040B	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	9040B	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	9040B	
LCS 600-157932/1	Lab Control Sample	Total/NA	Waste	9040B	

Analysis Batch: 157941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	1010	
600-107836-4 DU	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	1010	
LCS 600-157941/2	Lab Control Sample	Total/NA	Waste	1010	
MB 600-157941/1	Method Blank	Total/NA	Waste	1010	

Analysis Batch: 157950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	9012	157829
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	9012	157829
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	9012	157829
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	9012	157829
LCS 600-157829/2-A	Lab Control Sample	Total/NA	Waste	9012	157829
MB 600-157829/1-A	Method Blank	Total/NA	Waste	9012	157829

Analysis Batch: 157952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	9034	157829
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	9034	157829
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	9034	157829
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	9034	157829
LCS 600-157829/3-A	Lab Control Sample	Total/NA	Waste	9034	157829
MB 600-157829/1-A	Method Blank	Total/NA	Waste	9034	157829

Prep Batch: 171932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	9023	
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	9023	
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	9023	
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	9023	
LCS 240-171932/4-A	Lab Control Sample	Total/NA	Waste	9023	
MB 240-171932/3-A	Method Blank	Total/NA	Waste	9023	

General Chemistry (Continued)

Analysis Batch: 172068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-107836-1	VB 2564-T108	Total/NA	Waste	9023	171932
600-107836-2	VB 25203-T1T11T3	Total/NA	Waste	9023	171932
600-107836-3	VB 25315 --T7T8T11T10T9T4	Total/NA	Waste	9023	171932
600-107836-4	VB 25146-FT1DO1FT215012WMU	Total/NA	Waste	9023	171932
LCS 240-171932/4-A	Lab Control Sample	Total/NA	Waste	9023	171932
MB 240-171932/3-A	Method Blank	Total/NA	Waste	9023	171932

Client Sample ID: VB 2564-T108

Lab Sample ID: 600-107836-1

Date Collected: 03/09/15 11:26

Matrix: Waste

Date Received: 03/09/15 16:09

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	135733	03/17/15 13:02	CA1	TAL PIT
TCLP	Analysis	8260B		20	0.125 mL	5 mL	135829	03/18/15 12:33	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	157724	03/11/15 15:00	KLV	TAL HOU
Total/NA	Analysis	8260B		20	1 g	10 mL	157726	03/11/15 21:52	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157764	03/11/15 22:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	3.0 mL	157864	03/13/15 07:47	LER	TAL HOU
TCLP	Analysis	8270C		50	200 mL	3.0 mL	157978	03/16/15 09:53	KP1	TAL HOU
Total/NA	Prep	3580A			1.04 g	10.0 mL	157583	03/10/15 09:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.04 g	10.0 mL	157638	03/11/15 04:51	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	157681	03/11/15 10:27	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	01.00 g	10.00 mL	157691	03/11/15 17:04	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157764	03/11/15 22:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	157839	03/12/15 15:29	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	157910	03/13/15 15:01	DCL	TAL HOU
Total/NA	Prep	3051A			0.509 g	100 mL	233045	03/11/15 18:58	RDF	TAL NSH
Total/NA	Analysis	6010B		1	0.509 g	100 mL	233298	03/12/15 12:05	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	157764	03/11/15 22:00	RT1	TAL HOU
TCLP	Prep	7470A			4 mL	40 mL	157861	03/13/15 07:00	SCG	TAL HOU
TCLP	Analysis	7470A		1	4 mL	40 mL	157912	03/13/15 11:06	SCG	TAL HOU
Total/NA	Prep	7471A			0.60 g	50 mL	157771	03/12/15 07:09	SCG	TAL HOU
Total/NA	Analysis	7471A		10	0.60 g	50 mL	157782	03/12/15 09:06	SCG	TAL HOU
Total/NA	Analysis	1010		1			157844	03/12/15 07:45	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.10 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.10 g	250 mL	157950	03/13/15 14:48	BDG	TAL HOU
Total/NA	Prep	9023			1.96 g	10 mL	171932	03/13/15 07:25	TPH	TAL CAN
Total/NA	Analysis	9023		1	1.96 g	10 mL	172068	03/13/15 13:53	TPH	TAL CAN
Total/NA	Analysis	9034		1	10.10 g	250 mL	157952	03/12/15 10:45	BDG	TAL HOU
Total/NA	Prep	7.3.4			10.10 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	157932	03/13/15 14:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	100 mL	100 mL	113810	03/13/15 14:30	EDR	TAL CC

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2

Date Collected: 03/09/15 11:42

Matrix: Waste

Date Received: 03/09/15 16:09

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	135733	03/17/15 13:02	CA1	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	135829	03/18/15 13:00	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	157724	03/11/15 15:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	157884	03/13/15 16:54	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157765	03/11/15 22:11	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	157864	03/13/15 07:47	LER	TAL HOU
TCLP	Analysis	8270C		20	200 mL	1.0 mL	158701	03/25/15 08:44	KP1	TAL HOU

Client Sample ID: VB 25203-T1T11T3

Lab Sample ID: 600-107836-2

Date Collected: 03/09/15 11:42

Matrix: Waste

Date Received: 03/09/15 16:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3580A			1.06 g	10.0 mL	157583	03/10/15 09:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.06 g	10.0 mL	157638	03/11/15 05:25	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	157681	03/11/15 10:27	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	5	01.00 g	10.00 mL	157691	03/12/15 08:55	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157765	03/11/15 22:11	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	157839	03/12/15 15:29	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	157910	03/13/15 15:08	DCL	TAL HOU
Total/NA	Prep	3051A			0.516 g	100 mL	233045	03/11/15 18:58	RDF	TAL NSH
Total/NA	Analysis	6010B		1	0.516 g	100 mL	233298	03/12/15 12:09	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	157765	03/11/15 22:11	RT1	TAL HOU
TCLP	Prep	7470A			4 mL	40 mL	157861	03/13/15 07:00	SCG	TAL HOU
TCLP	Analysis	7470A		1	4 mL	40 mL	157912	03/13/15 11:12	SCG	TAL HOU
Total/NA	Prep	7471A			0.61 g	50 mL	157771	03/12/15 07:09	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.61 g	50 mL	157782	03/12/15 09:04	SCG	TAL HOU
Total/NA	Analysis	1010		1			157844	03/12/15 07:45	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.20 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.20 g	250 mL	157950	03/13/15 14:49	BDG	TAL HOU
Total/NA	Prep	9023			2.01 g	10 mL	171932	03/13/15 07:27	TPH	TAL CAN
Total/NA	Analysis	9023		1	2.01 g	10 mL	172068	03/13/15 14:02	TPH	TAL CAN
Total/NA	Analysis	9034		1	10.20 g	250 mL	157952	03/12/15 10:45	BDG	TAL HOU
Total/NA	Prep	7.3.4			10.20 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	157932	03/13/15 14:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	100 mL	100 mL	113810	03/13/15 14:30	EDR	TAL CC

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53

Matrix: Waste

Date Received: 03/09/15 16:09

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	135733	03/17/15 13:02	CA1	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	135829	03/18/15 13:29	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	157724	03/11/15 15:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	157884	03/13/15 17:19	KLV	TAL HOU
Total/NA	Prep	5030B	DL		1 g	10 mL	157724	03/11/15 15:00	KLV	TAL HOU
Total/NA	Analysis	8260B	DL	5	1 g	10 mL	157884	03/13/15 18:07	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	157864	03/13/15 14:29	LER	TAL HOU
TCLP	Analysis	8270C		10	200 mL	1.0 mL	157978	03/16/15 11:27	KP1	TAL HOU
Total/NA	Prep	3580A			1.02 g	10.0 mL	157583	03/10/15 09:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.02 g	10.0 mL	157638	03/11/15 06:01	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	157681	03/11/15 10:27	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	01.00 g	10.00 mL	157691	03/11/15 18:09	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	157911	03/13/15 12:03	NER	TAL HOU

Client Sample ID: VB 25315 --T7T8T11T10T9T4

Lab Sample ID: 600-107836-3

Date Collected: 03/09/15 11:53
Matrix: Waste
Date Received: 03/09/15 16:09

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	158027	03/16/15 11:22	DCL	TAL HOU
Total/NA	Prep	3051A			0.512 g	100 mL	233045	03/11/15 18:58	RDF	TAL NSH
Total/NA	Analysis	6010B		1	0.512 g	100 mL	233298	03/12/15 12:13	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	157862	03/13/15 11:57	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	157912	03/13/15 13:35	SCG	TAL HOU
Total/NA	Prep	7471A			0.61 g	50 mL	157771	03/12/15 07:09	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.61 g	50 mL	157782	03/12/15 09:09	SCG	TAL HOU
Total/NA	Analysis	1010		1			157844	03/12/15 07:45	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.07 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.07 g	250 mL	157950	03/13/15 14:49	BDG	TAL HOU
Total/NA	Prep	9023			1.98 g	10 mL	171932	03/13/15 07:28	TPH	TAL CAN
Total/NA	Analysis	9023		1	1.98 g	10 mL	172068	03/13/15 14:11	TPH	TAL CAN
Total/NA	Analysis	9034		1	10.07 g	250 mL	157952	03/12/15 10:45	BDG	TAL HOU
Total/NA	Prep	7.3.4			10.07 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	157932	03/13/15 14:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	100 mL	100 mL	113810	03/13/15 14:30	EDR	TAL CC

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06
Matrix: Waste
Date Received: 03/09/15 16:09

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	135733	03/17/15 13:02	CA1	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	135829	03/18/15 13:56	PJJ	TAL PIT
Total/NA	Prep	5030B			1 g	10 mL	157724	03/11/15 15:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	1 g	10 mL	157884	03/13/15 17:43	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	157864	03/13/15 14:29	LER	TAL HOU
TCLP	Analysis	8270C		20	200 mL	1.0 mL	157978	03/16/15 12:29	KP1	TAL HOU
Total/NA	Prep	3580A			1.07 g	10.0 mL	157583	03/10/15 09:17	RLK	TAL HOU
Total/NA	Analysis	8270C		10	1.07 g	10.0 mL	157638	03/11/15 06:35	KP1	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		01.00 g	10.00 mL	157681	03/11/15 10:27	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	01.00 g	10.00 mL	157691	03/11/15 18:41	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	157911	03/13/15 12:03	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	158027	03/16/15 11:27	DCL	TAL HOU
Total/NA	Prep	3051A			0.516 g	100 mL	233045	03/11/15 18:58	RDF	TAL NSH
Total/NA	Analysis	6010B		1	0.516 g	100 mL	233298	03/12/15 12:18	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	157877	03/12/15 18:30	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	157862	03/13/15 11:57	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	157912	03/13/15 13:41	SCG	TAL HOU
Total/NA	Prep	7471A			0.60 g	50 mL	157771	03/12/15 07:09	SCG	TAL HOU
Total/NA	Analysis	7471A		10	0.60 g	50 mL	157782	03/12/15 09:21	SCG	TAL HOU

Lab Chronicle

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

TestAmerica Job ID: 600-107836-1

Client Sample ID: VB 25146-FT1DO1FT215012WMU

Lab Sample ID: 600-107836-4

Date Collected: 03/09/15 12:06
Date Received: 03/09/15 16:09

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010		1			157941	03/13/15 13:15	DAW	TAL HOU
Total/NA	Prep	7.3.4			10.18 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.18 g	250 mL	157950	03/13/15 14:50	BDG	TAL HOU
Total/NA	Prep	9023			1.99 g	10 mL	171932	03/13/15 07:30	TPH	TAL CAN
Total/NA	Analysis	9023		1	1.99 g	10 mL	172068	03/13/15 14:17	TPH	TAL CAN
Total/NA	Analysis	9034		1	10.18 g	250 mL	157952	03/12/15 10:45	BDG	TAL HOU
Total/NA	Prep	7.3.4			10.18 g	250 mL	157829	03/12/15 10:45	MJB	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	157932	03/13/15 14:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	100 mL	100 mL	113810	03/13/15 14:30	EDR	TAL CC

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 . .– Houston

TestAmerica Job ID: 600-107836-1

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
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	03-31-15 *
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	03-31-15

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 . .– Houston

TestAmerica Job ID: 600-107836-1

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	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	03-31-15 *
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	03-31-15 *
Louisiana	NELAP	6	04041	06-30-15
New Hampshire	NELAP	1	203011	04-04-15 *
New Jersey	NELAP	2	PA005	06-30-15
New York	NELAP	2	11182	03-31-15 *
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		P330-10-00139	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 3.6.2015
Client Contact: LeRoy Cassidey	Phone: 469.446.8408	E-Mail: dean.joiner@testamericainc.com		Page: Page
Company: CB&I Federal Services LLC				Job #: 500255
Address: PO BOX 98519	Due Date Requested:			Preservation Codes:
City: Baton Rouge	TAT Requested (days): 5 WD Level 2			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
State, Zip: LA 70884				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)
Phone 469-446-8408	PO #: Purchase Order Requested			
Email: leroy.cassidey@CBIFederalServices.com	WO #: Contract EP-S6-07-02 Task Order 62			Other:
CB&I Federal Services LLC .– Houston	Project #: 23 *** 60005919			
Site: CES Environmental Services	SSOW#:			

Analysis Requested

600-107836 Chain of Custody

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		
VB 2564-T108	3/9/2015	1126	G	sludge			X	X	X	X	X	X	X	X	X	2	
VB 25203-T1T11T3	3/9/2015	1142	G	sludge			X	X	X	X	X	X	X	X	X	2	
VB 25315-T7T8T11T10T9T4	3/9/2015	1153	G	sludge			X	X	X	X	X	X	X	X	X	2	
VB 25146-FT1001FT215012WMU	3/9/2015	1206	G	sludge			X	X	X	X	X	X	X	X	X	2	
~~VB 25349-NOT8NE1-2~~			~~G~~	~~sludge~~			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~2~~	

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: 15:10

Relinquished by:	Date/Time:	Company	Received by:		Company
CR [illegible]	3.9.15		[illegible]	3-9-15	TA
[illegible]	3-9-15 16:09	TA	[illegible]	3-9-15 1609	TA
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

Loc: 600

107836

Sample Re[illegible]klist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Date/Time Received. [illegible]

JOB NUMBER:

CLIENT. EB&T

UNPACKED BY: John m

CARRIER/DRIVER: John m

Custody Seal Present: ☑ YES ☐ NO

Number of Coolers Received. 1

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Therm CF	Corrected Temp (°C)
white	Y / N	Y / N	1.8	606	0.1	1.7
	Y / N	Y / N				
Jm-3-9-15	Y / N	Y / N				
	Y / N	Y / N				
	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 #_____

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

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

COMMENTS: Jm 3-9-15

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-107836-1

Login Number: 107836

List Source: TestAmerica Houston

List Number: 1

Creator: Crafton, Tommie S

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	
Cooler Temperature is recorded.	True	1.7
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	Check done at department level as required.

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-107836-1

Login Number: 107836
List Number: 3
Creator: Gilmore, Matthew

List Source: TestAmerica Corpus Christi
List Creation: 03/11/15 01:04 PM

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: 600-107836-1

Login Number: 107836
List Number: 2
Creator: Gambill, Shane

List Source: TestAmerica Nashville
List Creation: 03/11/15 12:32 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	0.6
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: 600-107836-1

Login Number: 107836
List Number: 5
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 03/13/15 04:21 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	