TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 600-103547-1
Client Project/Site: OT Roll Offs

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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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Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-103547-1

Comments
No additional comments.

Receipt
The samples were received on 12/12/2014 1:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1º C.

GC/MS VOA
Method(s) 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: 600-103547-4. Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch <<110919>> were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for batch 600-151711 recovered outside control limits for the following analytes: 4-Hexanone and 2-Methyl-2-pentanone. 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 following sample(s) was diluted due to the nature of the sample matrix: color and oily. FT 5180 (600-103547-4). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA
Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: (600-103547-4 MS), FT 5180 (600-103547-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the high concentration of 2-Methylphenol and 3 & 4 Methylphenol the matrix spike (MS) for batch 151635 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8270C: The matrix spike (MS) for batch151635 exceeded control limits for the following analyte: Pyridine. Note that this analyte is a known poor performer when analyzed using this method.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: (600-103547-3 MS), (600-103547-3 MSD), OT 25337 (600-103547-2), OT 25474 (600-103547-3), OT 25563 (600-103547-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample(s) required a dilution due to the nature of the sample matrix: OT 25337 (600-103547-2), OT 25563 (600-103547-1). 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151624 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: FT 5180 (600-103547-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample(s) required a dilution due to the nature of the sample matrix: FT 5180 (600-103547-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: FT 5180 (600-103547-4). Re-extraction

Job ID: 600-103547-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

and/or re-analysis was performed with concurring target results. The original analysis has been reported.

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

HPLC/IC

Method(s) 9056A: The %RPD for the sample and sample duplicate is not calculated. The samples are non-detect for Chloride. (600-103547-4), (600-103547-4 DU), FT 5180 (600-103547-4)

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: FT 5180 (600-103547-4), OT 25337 (600-103547-2), OT 25563 (600-103547-1). Elevated reporting limits (RLs) are provided.

Method(s) TX 1005: The following sample(s) required a dilution due to the nature of the sample matrix: OT 25563 (600-103547-1). 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) 8151A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151691 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8151A: The following sample(s) was diluted due to the nature of the sample matrix: (600-103547-4 MS), FT 5180 (600-103547-4). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151732 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8151A: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 151732 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 151898 recovered above the upper control limit for all analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: The continuing calibration verification (CCV) associated with batch 151898 recovered above the upper control limit for all analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following sample(s) was outside control limits: OT 25474 (600-103547-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: Surrogate recovery for the following sample(s) was outside control limits: (600-103547-3 MS), (600-103547-3 MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151707 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 151707 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8081A: Surrogate recovery for the following sample(s) was outside control limits: OT 25474 (600-103547-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Job ID: 600-103547-1 (Continued)

Laboratory: TestAmerica Houston (Continued)

Method(s) 8081A: Surrogate recovery for the following sample(s) was outside control limits: (600-103547-3 MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: Surrogate recovery for the following sample(s) was outside control limits: OT 25474 (600-103547-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 3546: The following sample(s) required a Silica Gel clean-up, via EPA Method 3630C, to reduce matrix interferences: (600-103547-1), (600-103547-2), (600-103547-3), OT 25337 (600-103547-2), OT 25474 (600-103547-3), OT 25563 (600-103547-1).

Method(s) 8081A_8082: The following sample(s) required a dilution due to the nature of the sample matrix: (600-103547-5), FT 5180 (600-103547-5). 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) 8081A_8082: The following sample(s) was diluted due to the nature of the sample matrix: (600-103547-5), FT 5180 (600-103547-5). Elevated reporting limits (RLs) are provided.

Method(s) 8081A: The following sample(s) required a dilution due to the nature of the sample matrix: (600-103547-1), (600-103547-2), (600-103547-3), OT 25337 (600-103547-2), OT 25474 (600-103547-3), OT 25563 (600-103547-1). 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) 8081A: The following sample(s) was diluted due to the nature of the sample matrix: (600-103547-1), (600-103547-2), (600-103547-3), OT 25337 (600-103547-2), OT 25474 (600-103547-3), OT 25563 (600-103547-1). 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 serial dilution performed for the following sample(s) associated with batch 151672 was outside control limits for Barium, Chromium, and Lead: (600-103391-3 SD)

Method(s) 6010B: The post digestion spike % recovery for Silver and Selenium associated with batch 151672 was outside of control limits.

Method(s) 6010B: The interference check standard solution (ICSA) associated with batch 151753 showed results for cadmium at a level greater than 2 times the limit of detection (LOD). Since the analytes were not detected in the client samples, no corrective action was required.

Method(s) 6010B: The method blank for batch 151583 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 7471A: Due to the high concentration of mercury, the matrix spike (MS) could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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.

Organic Prep

Method(s) 3510C: Elevated reporting limits are provided for the following sample(s) due to insufficient sample provided for preparation: FT 5180 (600-103547-4).

Method(s) 3510C, 608: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch <<151707>>.

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Laboratory: TestAmerica Houston (Continued)

Method(s) 8151A: Very dirty and oily matrix-- may have low recoveries,specially # 3 - 3MS & MSD.

(600-103547-3 MS), (600-103547-3 MSD), OT 25337 (600-103547-2), OT 25474 (600-103547-3), OT 25563 (600-103547-1)

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: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CC
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL HOU
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL HOU
8081A	Organochlorine Pesticides (GC)	SW846	TAL HOU
8081A	Organochlorine Pesticides (GC)	SW846	TAL SAV
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL HOU
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	TAL HOU
9056	Anions, Ion Chromatography	SW846	TAL HOU
9056A	Anions, Ion Chromatography	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
7.4.4	Reactive Sulfide	EPA	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
9045C	Corrosivity	SW846	TAL HOU
D1796	Water and Sediment in Fuel Oils	ASTM	TAL CC
D240-87	Heat of Combustion	ASTM	TAL HOU
D92	Flashpoint	ASTM	TAL HOU

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-103547-1	OT 25563	Solid	12/11/14 11:37	12/12/14 13:05
600-103547-2	OT 25337	Solid	12/11/14 11:30	12/12/14 13:05
600-103547-3	OT 25474	Solid	12/11/14 11:54	12/12/14 13:05
600-103547-4	FT 5180	Waste	12/11/14 12:15	12/12/14 13:05
600-103547-5	FT 5180	Water	12/11/14 12:15	12/12/14 13:05

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 11:23	1
Benzene	0.000630	U	0.00500	0.000630	mg/Kg			12/16/14 11:23	1
Chlorobromomethane	0.00178	U	0.00500	0.00178	mg/Kg			12/16/14 11:23	1
Bromoform	0.00137	U	0.00500	0.00137	mg/Kg			12/16/14 11:23	1
Bromomethane	0.000830	U	0.0100	0.000830	mg/Kg			12/16/14 11:23	1
2-Butanone (MEK)	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 11:23	1
Carbon disulfide	0.000550	U	0.0100	0.000550	mg/Kg			12/16/14 11:23	1
Carbon tetrachloride	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 11:23	1
Dibromochloromethane	0.000940	U	0.00500	0.000940	mg/Kg			12/16/14 11:23	1
Chlorobenzene	0.000960	U	0.00500	0.000960	mg/Kg			12/16/14 11:23	1
Chloroethane	0.00140	U	0.0100	0.00140	mg/Kg			12/16/14 11:23	1
Chloroform	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 11:23	1
Chloromethane	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 11:23	1
1,1-Dichloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 11:23	1
1,2-Dichloroethane	0.000900	U	0.00500	0.000900	mg/Kg			12/16/14 11:23	1
1,1-Dichloroethene	0.00122	U	0.00500	0.00122	mg/Kg			12/16/14 11:23	1
cis-1,2-Dichloroethene	0.000830	U	0.00500	0.000830	mg/Kg			12/16/14 11:23	1
trans-1,2-Dichloroethene	0.00114	U	0.00500	0.00114	mg/Kg			12/16/14 11:23	1
1,2-Dichloropropane	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 11:23	1
cis-1,3-Dichloropropene	0.000540	U	0.00500	0.000540	mg/Kg			12/16/14 11:23	1
trans-1,3-Dichloropropene	0.000580	U	0.00500	0.000580	mg/Kg			12/16/14 11:23	1
Ethylbenzene	**0.00627**		0.00500	0.00102	mg/Kg			12/16/14 11:23	1
2-Hexanone	0.00101	U *	0.0100	0.00101	mg/Kg			12/16/14 11:23	1
Methylene Chloride	**0.00328**	**J**	0.0100	0.00219	mg/Kg			12/16/14 11:23	1
4-Methyl-2-pentanone (MIBK)	0.00147	U *	0.0100	0.00147	mg/Kg			12/16/14 11:23	1
Styrene	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 11:23	1
1,1,2,2-Tetrachloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 11:23	1
Tetrachloroethene	**0.00134**	**J**	0.00500	0.000710	mg/Kg			12/16/14 11:23	1
Toluene	**0.00529**		0.00500	0.00138	mg/Kg			12/16/14 11:23	1
1,1,1-Trichloroethane	0.000740	U	0.00500	0.000740	mg/Kg			12/16/14 11:23	1
1,1,2-Trichloroethane	0.000730	U	0.0400	0.000730	mg/Kg			12/16/14 11:23	1
Trichloroethene	0.00140	U	0.00500	0.00140	mg/Kg			12/16/14 11:23	1
Vinyl acetate	0.000930	U	0.0100	0.000930	mg/Kg			12/16/14 11:23	1
Vinyl chloride	0.000900	U	0.0100	0.000900	mg/Kg			12/16/14 11:23	1
o-Xylene	**0.0185**		0.00500	0.00113	mg/Kg			12/16/14 11:23	1
m-Xylene & p-Xylene	**0.0259**		0.00500	0.00152	mg/Kg			12/16/14 11:23	1
Xylenes, Total	**0.0444**		0.00500	0.00113	mg/Kg			12/16/14 11:23	1
Bromodichloromethane	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 11:23	1
1,2-Dichloroethene, Total	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*50 - 130*		*12/16/14 11:23*	*1*
Dibromofluoromethane	*94*		*68 - 140*		*12/16/14 11:23*	*1*
4-Bromofluorobenzene	*122*		*57 - 140*		*12/16/14 11:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*61 - 130*		*12/16/14 11:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00165	U	0.0500	0.00165	mg/L			12/19/14 13:26	5
Carbon tetrachloride	0.00126	U	0.0250	0.00126	mg/L			12/19/14 13:26	5

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.000680	U	0.0250	0.000680	mg/L			12/19/14 13:26	5
Chloroform	0.00100	U	0.0250	0.00100	mg/L			12/19/14 13:26	5
1,2-Dichloroethane	0.000800	U	0.0250	0.000800	mg/L			12/19/14 13:26	5
1,1-Dichloroethene	0.00150	U	0.0250	0.00150	mg/L			12/19/14 13:26	5
2-Butanone (MEK)	0.00500	U	0.100	0.00500	mg/L			12/19/14 13:26	5
Tetrachloroethene	0.000945	U	0.0250	0.000945	mg/L			12/19/14 13:26	5
Trichloroethene	0.00159	U	0.0250	0.00159	mg/L			12/19/14 13:26	5
Vinyl chloride	0.00150	U	0.0250	0.00150	mg/L			12/19/14 13:26	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/19/14 13:26*	*5*
Toluene-d8 (Surr)	*97*		*70 - 130*		*12/19/14 13:26*	*5*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/19/14 13:26*	*5*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*12/19/14 13:26*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	15.1	U	26.3	15.1	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Acenaphthylene	15.4	U	26.3	15.4	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Anthracene	16.6	U	26.3	16.6	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzidine	0.720	U	128	0.720	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzo[a]anthracene	16.6	U	26.3	16.6	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzo[b]fluoranthene	1.54	U	26.3	1.54	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzo[k]fluoranthene	2.35	U	26.3	2.35	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzo[g,h,i]perylene	14.0	U	26.3	14.0	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzo[a]pyrene	14.8	U	26.3	14.8	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Bis(2-chloroethoxy)methane	14.9	U	26.3	14.9	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Bis(2-chloroethyl)ether	2.63	U	26.3	2.63	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Bis(2-ethylhexyl) phthalate	**24.1**	**J**	26.3	16.0	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Bromophenyl phenyl ether	16.0	U	26.3	16.0	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Butyl benzyl phthalate	16.0	U	26.3	16.0	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Chloroaniline	5.27	U	26.3	5.27	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Chloronaphthalene	17.2	U	26.3	17.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Chlorophenyl phenyl ether	15.8	U	26.3	15.8	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Carbazole	16.3	U	26.3	16.3	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Chrysene	16.1	U	26.3	16.1	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Di-n-butyl phthalate	17.0	U	26.3	17.0	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Dibenz(a,h)anthracene	15.2	U	26.3	15.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Dibenzofuran	15.7	U	26.3	15.7	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
1,2-Dichlorobenzene	2.10	U	26.3	2.10	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
1,3-Dichlorobenzene	14.2	U	26.3	14.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
1,4-Dichlorobenzene	1.84	U	26.3	1.84	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
3,3'-Dichlorobenzidine	5.08	U	52.7	5.08	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Diethyl phthalate	16.3	U	26.3	16.3	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Dimethyl phthalate	15.9	U	26.3	15.9	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4-Dinitrotoluene	2.63	U	26.3	2.63	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,6-Dinitrotoluene	16.7	U	26.3	16.7	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Di-n-octyl phthalate	17.1	U	26.3	17.1	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Fluoranthene	16.8	U	26.3	16.8	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Fluorene	16.2	U	26.3	16.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	16.6	U	26.3	16.6	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Hexachlorocyclopentadiene	1.78	U	26.3	1.78	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Hexachloroethane	2.39	U	26.3	2.39	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Hexachlorobutadiene	2.71	U	26.3	2.71	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Indeno[1,2,3-cd]pyrene	14.5	U	26.3	14.5	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Isophorone	15.5	U	26.3	15.5	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Methylnaphthalene	15.1	U	26.3	15.1	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Naphthalene	1.54	U	26.3	1.54	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Nitroaniline	15.5	U	128	15.5	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
3-Nitroaniline	16.9	U	128	16.9	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Nitroaniline	14.4	U	128	14.4	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Nitrobenzene	3.78	U	26.3	3.78	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
N-Nitrosodimethylamine	7.62	U	26.3	7.62	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
N-Nitrosodiphenylamine	2.52	U	26.3	2.52	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
N-Nitrosodi-n-propylamine	2.28	U	26.3	2.28	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Phenanthrene	16.2	U	26.3	16.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Pyrene	17.6	U	26.3	17.6	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
1,2,4-Trichlorobenzene	16.8	U	26.3	16.8	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Benzyl alcohol	4.98	U	26.3	4.98	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Chloro-3-methylphenol	15.3	U	26.3	15.3	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Chlorophenol	1.86	U	26.3	1.86	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Methylphenol	3.02	U	26.3	3.02	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
3 & 4 Methylphenol	2.40	U	52.7	2.40	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4-Dichlorophenol	14.6	U	26.3	14.6	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4-Dimethylphenol	5.08	U	26.3	5.08	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4,6-Dinitro-2-methylphenol	16.5	U	128	16.5	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4-Dinitrophenol	10.2	U	128	10.2	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2-Nitrophenol	14.4	U	26.3	14.4	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
4-Nitrophenol	14.4	U	128	14.4	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Pentachlorophenol	1.77	U	128	1.77	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
Phenol	2.98	U	26.3	2.98	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4,5-Trichlorophenol	4.96	U	26.3	4.96	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
2,4,6-Trichlorophenol	14.4	U	26.3	14.4	mg/Kg		12/15/14 08:29	12/16/14 08:23	20
bis (2-Chloroisopropyl) ether	2.76	U	26.3	2.76	mg/Kg		12/15/14 08:29	12/16/14 08:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*10 - 150*	*12/15/14 08:29*	*12/16/14 08:23*	*20*
2-Fluorophenol	*0*	*X*	*25 - 132*	*12/15/14 08:29*	*12/16/14 08:23*	*20*
2-Fluorobiphenyl	*0*	*X*	*38 - 130*	*12/15/14 08:29*	*12/16/14 08:23*	*20*
2,4,6-Tribromophenol	*0*	*X*	*10 - 148*	*12/15/14 08:29*	*12/16/14 08:23*	*20*
Terphenyl-d14	*0*	*X*	*53 - 134*	*12/15/14 08:29*	*12/16/14 08:23*	*20*
Phenol-d5 (Surr)	*0*	*X*	*27 - 123*	*12/15/14 08:29*	*12/16/14 08:23*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		12/15/14 16:10	12/16/14 13:10	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		12/15/14 16:10	12/16/14 13:10	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		12/15/14 16:10	12/16/14 13:10	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		12/15/14 16:10	12/16/14 13:10	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		12/15/14 16:10	12/16/14 13:10	1

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		12/15/14 16:10	12/16/14 13:10	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		12/15/14 16:10	12/16/14 13:10	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		12/15/14 16:10	12/16/14 13:10	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		12/15/14 16:10	12/16/14 13:10	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		12/15/14 16:10	12/16/14 13:10	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		12/15/14 16:10	12/16/14 13:10	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		12/15/14 16:10	12/16/14 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*49*		*10 - 130*	*12/15/14 16:10*	*12/16/14 13:10*	*1*
Nitrobenzene-d5	*70*		*35 - 130*	*12/15/14 16:10*	*12/16/14 13:10*	*1*
2-Fluorophenol	*58*		*10 - 130*	*12/15/14 16:10*	*12/16/14 13:10*	*1*
2-Fluorobiphenyl	*59*		*41 - 130*	*12/15/14 16:10*	*12/16/14 13:10*	*1*
2,4,6-Tribromophenol	*73*		*12 - 138*	*12/15/14 16:10*	*12/16/14 13:10*	*1*
Terphenyl-d14	*93*		*43 - 130*	*12/15/14 16:10*	*12/16/14 13:10*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00179	U	0.0169	0.00179	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
4,4'-DDE	0.00179	U	0.0169	0.00179	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
4,4'-DDT	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Aldrin	0.00149	U	0.0169	0.00149	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
alpha-BHC	0.00139	U	0.0169	0.00139	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
beta-BHC	0.00329	U	0.0169	0.00329	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Chlordane (n.o.s.)	0.0289	U	0.169	0.0289	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
delta-BHC	0.00189	U	0.0169	0.00189	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Dieldrin	0.00169	U	0.0169	0.00169	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Endosulfan I	0.00169	U	0.0169	0.00169	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Endosulfan II	0.00149	U	0.0169	0.00149	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Endosulfan sulfate	0.00209	U	0.0169	0.00209	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Endrin	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Endrin aldehyde	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
gamma-BHC (Lindane)	0.00139	U	0.0169	0.00139	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Heptachlor	0.00189	U	0.0169	0.00189	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Heptachlor epoxide	0.00159	U	0.0169	0.00159	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Methoxychlor	0.00279	U	0.0169	0.00279	mg/Kg		12/18/14 11:58	12/19/14 15:35	10
Toxaphene	0.0548	U	1.69	0.0548	mg/Kg		12/18/14 11:58	12/19/14 15:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*12/18/14 11:58*	*12/19/14 15:35*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*12/18/14 11:58*	*12/19/14 15:35*	*10*

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000300	U	0.000500	0.000300	mg/L		12/16/14 07:46	12/17/14 11:21	1
Endrin	0.0000350	U	0.000500	0.0000350	mg/L		12/16/14 07:46	12/17/14 11:21	1
Heptachlor	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 11:21	1
Heptachlor epoxide	0.0000350	U	0.000250	0.0000350	mg/L		12/16/14 07:46	12/17/14 11:21	1
gamma-BHC (Lindane)	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 11:21	1
Methoxychlor	0.0000450	U	0.000250	0.0000450	mg/L		12/16/14 07:46	12/17/14 11:21	1

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.0122	U	0.0250	0.0122	mg/L		12/16/14 07:46	12/17/14 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*32 - 143*	*12/16/14 07:46*	*12/17/14 11:21*	*1*
DCB Decachlorobiphenyl	*96*		*36 - 144*	*12/16/14 07:46*	*12/17/14 11:21*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.000459	U	0.00399	0.000459	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
Mecoprop	0.0458	U	0.0399	0.0458	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
MCPA	0.0649	U	0.0399	0.0649	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
Dichlorprop	0.000449	U	0.00399	0.000449	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
2,4-D	0.000339	U	0.00399	0.000339	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
Silvex (2,4,5-TP)	0.000429	U	0.00399	0.000429	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
2,4,5-T	0.000439	U	0.00399	0.000439	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
2,4-DB	0.000659	U	0.00399	0.000659	mg/Kg		12/16/14 10:16	12/17/14 20:52	1
Dinoseb	0.000319	U	0.00399	0.000319	mg/Kg		12/16/14 10:16	12/18/14 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*97*		*22 - 130*	*12/16/14 10:16*	*12/17/14 20:52*	*1*
2,4-DCAA	*109*		*22 - 130*	*12/16/14 10:16*	*12/18/14 14:16*	*1*

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000200	U	0.00100	0.000200	mg/L		12/15/14 16:18	12/17/14 20:04	1
Silvex (2,4,5-TP)	0.000100	U	0.00100	0.000100	mg/L		12/15/14 16:18	12/17/14 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*13*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 20:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**992**		497	189	mg/Kg		12/15/14 09:16	12/15/14 14:09	50
>C12-C28	**24200**		497	202	mg/Kg		12/15/14 09:16	12/15/14 14:09	50
>C28-C35	**6100**		497	202	mg/Kg		12/15/14 09:16	12/15/14 14:09	50
C6-C35	**31300**		497	189	mg/Kg		12/15/14 09:16	12/15/14 14:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*0*	*X*	*70 - 130*	*12/15/14 09:16*	*12/15/14 14:09*	*50*

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**	**J**	475	23.8	mg/Kg		12/12/14 16:30	12/16/14 14:53	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**20.0**		0.467	0.0473	mg/Kg		12/15/14 14:48	12/15/14 19:01	1
Barium	**265**		0.935	0.0280	mg/Kg		12/15/14 14:48	12/15/14 19:01	1
Arsenic	**6.40**		0.935	0.204	mg/Kg		12/15/14 14:48	12/15/14 19:01	1
Selenium	0.242	U	1.87	0.242	mg/Kg		12/15/14 14:48	12/15/14 19:01	1

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25563

Lab Sample ID: 600-103547-1

Date Collected: 12/11/14 11:37
Matrix: Solid
Date Received: 12/12/14 13:05

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**35.2**		4.67	0.980	mg/Kg		12/15/14 14:48	12/16/14 11:17	10
Cadmium	**2.44**		2.34	0.240	mg/Kg		12/15/14 14:48	12/16/14 18:20	10
Silver	1.11	U	3.74	1.11	mg/Kg		12/15/14 14:48	12/16/14 11:17	10

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0125	U	0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:20	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:20	1
Barium	**1.12**	**B**	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:20	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 17:59	1
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:20	1
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:20	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:20	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		12/16/14 08:07	12/16/14 12:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.738**		0.0155	0.00325	mg/Kg		12/15/14 08:01	12/15/14 12:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		12/16/14 10:35	12/17/14 10:52	1
Cyanide, Reactive	0.0854	U	0.250	0.0854	mg/Kg		12/16/14 10:35	12/16/14 15:52	1
Halogens, Extractable Organic	**50.1**	**J**	198	33.7	mg/Kg		12/18/14 06:07	12/18/14 11:11	1
pH	**6.96**		0.0100	0.0100	SU			12/18/14 15:10	1
Percent Water	**0.000**				%			12/24/14 10:00	1
BTU	**683**		500	500	BTU/lb			12/12/14 16:30	1
Flashpoint	**>212**		1.00	1.00	Degrees F			12/17/14 07:30	1

Client Sample ID: OT 25337

Lab Sample ID: 600-103547-2

Date Collected: 12/11/14 11:30
Matrix: Solid
Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 17:03	1
Benzene	0.000630	U	0.00500	0.000630	mg/Kg			12/16/14 17:03	1
Chlorobromomethane	0.00178	U	0.00500	0.00178	mg/Kg			12/16/14 17:03	1
Bromoform	0.00137	U	0.00500	0.00137	mg/Kg			12/16/14 17:03	1
Bromomethane	0.000830	U	0.0100	0.000830	mg/Kg			12/16/14 17:03	1
2-Butanone (MEK)	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 17:03	1
Carbon disulfide	0.000550	U	0.0100	0.000550	mg/Kg			12/16/14 17:03	1
Carbon tetrachloride	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 17:03	1
Dibromochloromethane	0.000940	U	0.00500	0.000940	mg/Kg			12/16/14 17:03	1
Chlorobenzene	0.000960	U	0.00500	0.000960	mg/Kg			12/16/14 17:03	1
Chloroethane	0.00140	U	0.0100	0.00140	mg/Kg			12/16/14 17:03	1
Chloroform	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 17:03	1
Chloromethane	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 17:03	1

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25337

Date Collected: 12/11/14 11:30
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 17:03	1
1,2-Dichloroethane	0.000900	U	0.00500	0.000900	mg/Kg			12/16/14 17:03	1
1,1-Dichloroethene	0.00122	U	0.00500	0.00122	mg/Kg			12/16/14 17:03	1
cis-1,2-Dichloroethene	0.000830	U	0.00500	0.000830	mg/Kg			12/16/14 17:03	1
trans-1,2-Dichloroethene	0.00114	U	0.00500	0.00114	mg/Kg			12/16/14 17:03	1
1,2-Dichloropropane	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 17:03	1
cis-1,3-Dichloropropene	0.000540	U	0.00500	0.000540	mg/Kg			12/16/14 17:03	1
trans-1,3-Dichloropropene	0.000580	U	0.00500	0.000580	mg/Kg			12/16/14 17:03	1
Ethylbenzene	0.00102	U	0.00500	0.00102	mg/Kg			12/16/14 17:03	1
2-Hexanone	0.00101	U *	0.0100	0.00101	mg/Kg			12/16/14 17:03	1
Methylene Chloride	0.00219	U	0.0100	0.00219	mg/Kg			12/16/14 17:03	1
4-Methyl-2-pentanone (MIBK)	0.00147	U *	0.0100	0.00147	mg/Kg			12/16/14 17:03	1
Styrene	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 17:03	1
1,1,2,2-Tetrachloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 17:03	1
Tetrachloroethene	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 17:03	1
Toluene	0.00138	U	0.00500	0.00138	mg/Kg			12/16/14 17:03	1
1,1,1-Trichloroethane	0.000740	U	0.00500	0.000740	mg/Kg			12/16/14 17:03	1
1,1,2-Trichloroethane	0.000730	U	0.0400	0.000730	mg/Kg			12/16/14 17:03	1
Trichloroethene	0.00140	U	0.00500	0.00140	mg/Kg			12/16/14 17:03	1
Vinyl acetate	0.000930	U	0.0100	0.000930	mg/Kg			12/16/14 17:03	1
Vinyl chloride	0.000900	U	0.0100	0.000900	mg/Kg			12/16/14 17:03	1
o-Xylene	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 17:03	1
m-Xylene & p-Xylene	0.00152	U	0.00500	0.00152	mg/Kg			12/16/14 17:03	1
Xylenes, Total	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 17:03	1
Bromodichloromethane	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 17:03	1
1,2-Dichloroethene, Total	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*50 - 130*		*12/16/14 17:03*	*1*
Dibromofluoromethane	*91*		*68 - 140*		*12/16/14 17:03*	*1*
4-Bromofluorobenzene	*130*		*57 - 140*		*12/16/14 17:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*61 - 130*		*12/16/14 17:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00165	U	0.0500	0.00165	mg/L			12/19/14 13:51	5
Carbon tetrachloride	0.00126	U	0.0250	0.00126	mg/L			12/19/14 13:51	5
Chlorobenzene	0.000680	U	0.0250	0.000680	mg/L			12/19/14 13:51	5
Chloroform	0.00100	U	0.0250	0.00100	mg/L			12/19/14 13:51	5
1,2-Dichloroethane	0.000800	U	0.0250	0.000800	mg/L			12/19/14 13:51	5
1,1-Dichloroethene	0.00150	U	0.0250	0.00150	mg/L			12/19/14 13:51	5
2-Butanone (MEK)	0.00500	U	0.100	0.00500	mg/L			12/19/14 13:51	5
Tetrachloroethene	0.000945	U	0.0250	0.000945	mg/L			12/19/14 13:51	5
Trichloroethene	0.00159	U	0.0250	0.00159	mg/L			12/19/14 13:51	5
Vinyl chloride	0.00150	U	0.0250	0.00150	mg/L			12/19/14 13:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/19/14 13:51*	*5*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/19/14 13:51*	*5*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*12/19/14 13:51*	*5*

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25337
Date Collected: 12/11/14 11:30
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-2
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		12/19/14 13:51	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	7.55	U	13.2	7.55	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Acenaphthylene	7.69	U	13.2	7.69	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Anthracene	8.28	U	13.2	8.28	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzidine	0.360	U	63.9	0.360	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzo[a]anthracene	8.28	U	13.2	8.28	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzo[b]fluoranthene	0.772	U	13.2	0.772	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzo[k]fluoranthene	1.17	U	13.2	1.17	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzo[g,h,i]perylene	7.00	U	13.2	7.00	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzo[a]pyrene	7.39	U	13.2	7.39	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Bis(2-chloroethoxy)methane	7.43	U	13.2	7.43	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Bis(2-chloroethyl)ether	1.32	U	13.2	1.32	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Bis(2-ethylhexyl) phthalate	7.99	U	13.2	7.99	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Bromophenyl phenyl ether	7.98	U	13.2	7.98	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Butyl benzyl phthalate	8.01	U	13.2	8.01	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Chloroaniline	2.63	U	13.2	2.63	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Chloronaphthalene	8.58	U	13.2	8.58	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Chlorophenyl phenyl ether	7.92	U	13.2	7.92	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Carbazole	8.13	U	13.2	8.13	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Chrysene	8.05	U	13.2	8.05	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Di-n-butyl phthalate	8.50	U	13.2	8.50	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Dibenz(a,h)anthracene	7.58	U	13.2	7.58	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Dibenzofuran	7.85	U	13.2	7.85	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
1,2-Dichlorobenzene	1.05	U	13.2	1.05	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
1,3-Dichlorobenzene	7.11	U	13.2	7.11	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
1,4-Dichlorobenzene	0.921	U	13.2	0.921	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
3,3'-Dichlorobenzidine	2.54	U	26.3	2.54	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Diethyl phthalate	8.15	U	13.2	8.15	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Dimethyl phthalate	7.97	U	13.2	7.97	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4-Dinitrotoluene	1.31	U	13.2	1.31	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,6-Dinitrotoluene	8.37	U	13.2	8.37	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Di-n-octyl phthalate	8.53	U	13.2	8.53	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Fluoranthene	8.42	U	13.2	8.42	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Fluorene	8.11	U	13.2	8.11	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Hexachlorobenzene	8.31	U	13.2	8.31	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Hexachlorocyclopentadiene	0.889	U	13.2	0.889	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Hexachloroethane	1.19	U	13.2	1.19	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Hexachlorobutadiene	1.35	U	13.2	1.35	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Indeno[1,2,3-cd]pyrene	7.23	U	13.2	7.23	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Isophorone	7.74	U	13.2	7.74	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Methylnaphthalene	7.55	U	13.2	7.55	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Naphthalene	0.770	U	13.2	0.770	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Nitroaniline	7.77	U	63.9	7.77	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
3-Nitroaniline	8.45	U	63.9	8.45	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Nitroaniline	7.20	U	63.9	7.20	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Nitrobenzene	1.89	U	13.2	1.89	mg/Kg		12/15/14 08:29	12/16/14 09:02	20

Client Sample ID: OT 25337

Date Collected: 12/11/14 11:30
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	3.81	U	13.2	3.81	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
N-Nitrosodiphenylamine	1.26	U	13.2	1.26	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
N-Nitrosodi-n-propylamine	1.14	U	13.2	1.14	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Phenanthrene	8.10	U	13.2	8.10	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Pyrene	8.82	U	13.2	8.82	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
1,2,4-Trichlorobenzene	8.41	U	13.2	8.41	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Benzyl alcohol	2.49	U	13.2	2.49	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Chloro-3-methylphenol	7.67	U	13.2	7.67	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Chlorophenol	0.930	U	13.2	0.930	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Methylphenol	1.51	U	13.2	1.51	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
3 & 4 Methylphenol	1.20	U	26.3	1.20	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4-Dichlorophenol	7.29	U	13.2	7.29	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4-Dimethylphenol	2.54	U	13.2	2.54	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4,6-Dinitro-2-methylphenol	8.25	U	63.9	8.25	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4-Dinitrophenol	5.11	U	63.9	5.11	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2-Nitrophenol	7.18	U	13.2	7.18	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
4-Nitrophenol	7.18	U	63.9	7.18	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Pentachlorophenol	0.883	U	63.9	0.883	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
Phenol	1.49	U	13.2	1.49	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4,5-Trichlorophenol	2.48	U	13.2	2.48	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
2,4,6-Trichlorophenol	7.19	U	13.2	7.19	mg/Kg		12/15/14 08:29	12/16/14 09:02	20
bis (2-Chloroisopropyl) ether	1.38	U	13.2	1.38	mg/Kg		12/15/14 08:29	12/16/14 09:02	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*10 - 150*	*12/15/14 08:29*	*12/16/14 09:02*	*20*
2-Fluorophenol	*0*	*X*	*25 - 132*	*12/15/14 08:29*	*12/16/14 09:02*	*20*
2-Fluorobiphenyl	*0*	*X*	*38 - 130*	*12/15/14 08:29*	*12/16/14 09:02*	*20*
2,4,6-Tribromophenol	*0*	*X*	*10 - 148*	*12/15/14 08:29*	*12/16/14 09:02*	*20*
Terphenyl-d14	*0*	*X*	*53 - 134*	*12/15/14 08:29*	*12/16/14 09:02*	*20*
Phenol-d5 (Surr)	*0*	*X*	*27 - 123*	*12/15/14 08:29*	*12/16/14 09:02*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		12/15/14 16:10	12/16/14 14:17	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		12/15/14 16:10	12/16/14 14:17	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		12/15/14 16:10	12/16/14 14:17	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		12/15/14 16:10	12/16/14 14:17	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		12/15/14 16:10	12/16/14 14:17	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		12/15/14 16:10	12/16/14 14:17	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		12/15/14 16:10	12/16/14 14:17	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		12/15/14 16:10	12/16/14 14:17	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		12/15/14 16:10	12/16/14 14:17	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		12/15/14 16:10	12/16/14 14:17	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		12/15/14 16:10	12/16/14 14:17	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		12/15/14 16:10	12/16/14 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*41*		*10 - 130*	*12/15/14 16:10*	*12/16/14 14:17*	*1*
Nitrobenzene-d5	*65*		*35 - 130*	*12/15/14 16:10*	*12/16/14 14:17*	*1*
2-Fluorophenol	*52*		*10 - 130*	*12/15/14 16:10*	*12/16/14 14:17*	*1*

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25337

Date Collected: 12/11/14 11:30
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-2

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		41 - 130	12/15/14 16:10	12/16/14 14:17	1
2,4,6-Tribromophenol	73		12 - 138	12/15/14 16:10	12/16/14 14:17	1
Terphenyl-d14	94		43 - 130	12/15/14 16:10	12/16/14 14:17	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00180	U	0.0170	0.00180	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
4,4'-DDE	0.00180	U	0.0170	0.00180	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
4,4'-DDT	0.00220	U	0.0170	0.00220	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Aldrin	0.00150	U	0.0170	0.00150	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
alpha-BHC	0.00140	U	0.0170	0.00140	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
beta-BHC	0.00330	U	0.0170	0.00330	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Chlordane (n.o.s.)	0.0290	U	0.170	0.0290	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
delta-BHC	0.00190	U	0.0170	0.00190	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Dieldrin	0.00170	U	0.0170	0.00170	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Endosulfan I	0.00170	U	0.0170	0.00170	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Endosulfan II	0.00150	U	0.0170	0.00150	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Endosulfan sulfate	0.00210	U	0.0170	0.00210	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Endrin	0.00220	U	0.0170	0.00220	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Endrin aldehyde	0.00220	U	0.0170	0.00220	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
gamma-BHC (Lindane)	0.00140	U	0.0170	0.00140	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Heptachlor	0.00190	U	0.0170	0.00190	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Heptachlor epoxide	0.00160	U	0.0170	0.00160	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Methoxychlor	0.00280	U	0.0170	0.00280	mg/Kg		12/18/14 11:58	12/19/14 15:50	10
Toxaphene	0.0549	U	1.70	0.0549	mg/Kg		12/18/14 11:58	12/19/14 15:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D	54 - 133	12/18/14 11:58	12/19/14 15:50	10
Tetrachloro-m-xylene	0	D	46 - 130	12/18/14 11:58	12/19/14 15:50	10

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000300	U	0.000500	0.000300	mg/L		12/16/14 07:46	12/17/14 12:11	1
Endrin	0.0000350	U	0.000500	0.0000350	mg/L		12/16/14 07:46	12/17/14 12:11	1
Heptachlor	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 12:11	1
Heptachlor epoxide	0.0000350	U	0.000250	0.0000350	mg/L		12/16/14 07:46	12/17/14 12:11	1
gamma-BHC (Lindane)	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 12:11	1
Methoxychlor	0.0000450	U	0.000250	0.0000450	mg/L		12/16/14 07:46	12/17/14 12:11	1
Toxaphene	0.0122	U	0.0250	0.0122	mg/L		12/16/14 07:46	12/17/14 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		32 - 143	12/16/14 07:46	12/17/14 12:11	1
DCB Decachlorobiphenyl	115		36 - 144	12/16/14 07:46	12/17/14 12:11	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.000460	U	0.00400	0.000460	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
Mecoprop	0.0459	U	0.0400	0.0459	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
MCPA	0.0650	U	0.0400	0.0650	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
Dichlorprop	0.000450	U	0.00400	0.000450	mg/Kg		12/16/14 10:16	12/17/14 21:19	1

Client Sample ID: OT 25337

Date Collected: 12/11/14 11:30
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-2

Matrix: Solid

Method: 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000340	U	0.00400	0.000340	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
Silvex (2,4,5-TP)	0.000430	U	0.00400	0.000430	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
2,4,5-T	0.000440	U	0.00400	0.000440	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
2,4-DB	0.000660	U	0.00400	0.000660	mg/Kg		12/16/14 10:16	12/17/14 21:19	1
Dinoseb	0.000320	U	0.00400	0.000320	mg/Kg		12/16/14 10:16	12/18/14 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*87*		*22 - 130*	*12/16/14 10:16*	*12/17/14 21:19*	*1*
2,4-DCAA	*85*		*22 - 130*	*12/16/14 10:16*	*12/18/14 14:43*	*1*

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000200	U	0.00100	0.000200	mg/L		12/15/14 16:18	12/17/14 19:16	1
Silvex (2,4,5-TP)	0.000100	U	0.00100	0.000100	mg/L		12/15/14 16:18	12/17/14 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*12*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 19:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	18.9	U	49.7	18.9	mg/Kg		12/15/14 09:16	12/15/14 20:56	5
>C12-C28	**1340**		49.7	20.2	mg/Kg		12/15/14 09:16	12/15/14 20:56	5
>C28-C35	**979**		49.7	20.2	mg/Kg		12/15/14 09:16	12/15/14 20:56	5
C6-C35	**2320**		49.7	18.9	mg/Kg		12/15/14 09:16	12/15/14 20:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*117*		*70 - 130*	*12/15/14 09:16*	*12/15/14 20:56*	*5*

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**	**J**	483	24.2	mg/Kg		12/12/14 16:30	12/16/14 15:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**22.7**		0.481	0.0487	mg/Kg		12/15/14 14:48	12/15/14 19:03	1
Barium	**156**		0.962	0.0288	mg/Kg		12/15/14 14:48	12/15/14 19:03	1
Arsenic	**2.64**		0.962	0.210	mg/Kg		12/15/14 14:48	12/15/14 19:03	1
Selenium	0.249	U	1.92	0.249	mg/Kg		12/15/14 14:48	12/15/14 19:03	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**51.9**		4.81	1.01	mg/Kg		12/15/14 14:48	12/16/14 11:20	10
Cadmium	**2.34**	**J**	2.40	0.247	mg/Kg		12/15/14 14:48	12/16/14 18:22	10
Silver	1.14	U	3.85	1.14	mg/Kg		12/15/14 14:48	12/16/14 11:20	10

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0125	U	0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:55	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:55	1
Barium	**0.586**	**B**	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:55	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 18:18	1

Client Sample ID: OT 25337

Lab Sample ID: 600-103547-2

Date Collected: 12/11/14 11:30

Matrix: Solid

Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:55	1
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:55	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:55	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		12/16/14 08:07	12/16/14 13:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.329**		0.0167	0.00352	mg/Kg		12/15/14 08:01	12/15/14 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	13.9	U	49.8	13.9	mg/Kg		12/16/14 10:35	12/17/14 10:52	1
Cyanide, Reactive	0.0852	U	0.249	0.0852	mg/Kg		12/16/14 10:35	12/16/14 15:52	1
Halogens, Extractable Organic	34.0	U	200	34.0	mg/Kg		12/18/14 06:09	12/18/14 11:22	1
pH	**7.02**		0.0100	0.0100	SU			12/18/14 15:10	1
Percent Water	**0.000**				%			12/24/14 10:00	1
BTU	500	U	500	500	BTU/lb			12/12/14 16:30	1
Flashpoint	**>212**		1.00	1.00	Degrees F			12/17/14 07:30	1

Client Sample ID: OT 25474

Lab Sample ID: 600-103547-3

Date Collected: 12/11/14 11:54

Matrix: Solid

Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.41**		1.00	0.166	mg/Kg			12/16/14 17:27	100
Benzene	0.0630	U	0.500	0.0630	mg/Kg			12/16/14 17:27	100
Chlorobromomethane	0.178	U	0.500	0.178	mg/Kg			12/16/14 17:27	100
Bromoform	0.137	U	0.500	0.137	mg/Kg			12/16/14 17:27	100
Bromomethane	0.0830	U	1.00	0.0830	mg/Kg			12/16/14 17:27	100
2-Butanone (MEK)	0.190	U	1.00	0.190	mg/Kg			12/16/14 17:27	100
Carbon disulfide	**1.25**		1.00	0.0550	mg/Kg			12/16/14 17:27	100
Carbon tetrachloride	0.113	U	0.500	0.113	mg/Kg			12/16/14 17:27	100
Dibromochloromethane	0.0940	U	0.500	0.0940	mg/Kg			12/16/14 17:27	100
Chlorobenzene	0.0960	U	0.500	0.0960	mg/Kg			12/16/14 17:27	100
Chloroethane	0.140	U	1.00	0.140	mg/Kg			12/16/14 17:27	100
Chloroform	0.0660	U	0.500	0.0660	mg/Kg			12/16/14 17:27	100
Chloromethane	0.166	U	1.00	0.166	mg/Kg			12/16/14 17:27	100
1,1-Dichloroethane	0.0870	U	0.500	0.0870	mg/Kg			12/16/14 17:27	100
1,2-Dichloroethane	0.0900	U	0.500	0.0900	mg/Kg			12/16/14 17:27	100
1,1-Dichloroethene	0.122	U	0.500	0.122	mg/Kg			12/16/14 17:27	100
cis-1,2-Dichloroethene	0.0830	U	0.500	0.0830	mg/Kg			12/16/14 17:27	100
trans-1,2-Dichloroethene	0.114	U	0.500	0.114	mg/Kg			12/16/14 17:27	100
1,2-Dichloropropane	0.0710	U	0.500	0.0710	mg/Kg			12/16/14 17:27	100
cis-1,3-Dichloropropene	0.0540	U	0.500	0.0540	mg/Kg			12/16/14 17:27	100
trans-1,3-Dichloropropene	0.0580	U	0.500	0.0580	mg/Kg			12/16/14 17:27	100
Ethylbenzene	0.102	U	0.500	0.102	mg/Kg			12/16/14 17:27	100

Client Sample ID: OT 25474

Lab Sample ID: 600-103547-3

Date Collected: 12/11/14 11:54

Matrix: Solid

Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.101	U *	1.00	0.101	mg/Kg			12/16/14 17:27	100
Methylene Chloride	0.219	U	1.00	0.219	mg/Kg			12/16/14 17:27	100
4-Methyl-2-pentanone (MIBK)	0.147	U *	1.00	0.147	mg/Kg			12/16/14 17:27	100
Styrene	0.0710	U	0.500	0.0710	mg/Kg			12/16/14 17:27	100
1,1,2,2-Tetrachloroethane	0.0870	U	0.500	0.0870	mg/Kg			12/16/14 17:27	100
Tetrachloroethene	0.0710	U	0.500	0.0710	mg/Kg			12/16/14 17:27	100
Toluene	0.138	U	0.500	0.138	mg/Kg			12/16/14 17:27	100
1,1,1-Trichloroethane	0.0740	U	0.500	0.0740	mg/Kg			12/16/14 17:27	100
1,1,2-Trichloroethane	0.0730	U	4.00	0.0730	mg/Kg			12/16/14 17:27	100
Trichloroethene	0.140	U	0.500	0.140	mg/Kg			12/16/14 17:27	100
Vinyl acetate	0.0930	U	1.00	0.0930	mg/Kg			12/16/14 17:27	100
Vinyl chloride	0.0900	U	1.00	0.0900	mg/Kg			12/16/14 17:27	100
o-Xylene	0.113	U	0.500	0.113	mg/Kg			12/16/14 17:27	100
m-Xylene & p-Xylene	0.152	U	0.500	0.152	mg/Kg			12/16/14 17:27	100
Xylenes, Total	0.113	U	0.500	0.113	mg/Kg			12/16/14 17:27	100
Bromodichloromethane	0.0660	U	0.500	0.0660	mg/Kg			12/16/14 17:27	100
1,2-Dichloroethene, Total	0.190	U	1.00	0.190	mg/Kg			12/16/14 17:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*85*		*50 - 130*		*12/16/14 17:27*	*100*
Dibromofluoromethane	*83*		*68 - 140*		*12/16/14 17:27*	*100*
4-Bromofluorobenzene	*115*		*57 - 140*		*12/16/14 17:27*	*100*
1,2-Dichloroethane-d4 (Surr)	*82*		*61 - 130*		*12/16/14 17:27*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00165	U	0.0500	0.00165	mg/L			12/19/14 14:16	5
Carbon tetrachloride	0.00126	U	0.0250	0.00126	mg/L			12/19/14 14:16	5
Chlorobenzene	0.000680	U	0.0250	0.000680	mg/L			12/19/14 14:16	5
Chloroform	0.00100	U	0.0250	0.00100	mg/L			12/19/14 14:16	5
1,2-Dichloroethane	0.000800	U	0.0250	0.000800	mg/L			12/19/14 14:16	5
1,1-Dichloroethene	0.00150	U	0.0250	0.00150	mg/L			12/19/14 14:16	5
2-Butanone (MEK)	0.00500	U	0.100	0.00500	mg/L			12/19/14 14:16	5
Tetrachloroethene	0.000945	U	0.0250	0.000945	mg/L			12/19/14 14:16	5
Trichloroethene	0.00159	U	0.0250	0.00159	mg/L			12/19/14 14:16	5
Vinyl chloride	0.00150	U	0.0250	0.00150	mg/L			12/19/14 14:16	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/19/14 14:16*	*5*
Toluene-d8 (Surr)	*98*		*70 - 130*		*12/19/14 14:16*	*5*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/19/14 14:16*	*5*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*12/19/14 14:16*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.88	U	3.28	1.88	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Acenaphthylene	1.92	U	3.28	1.92	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Anthracene	2.06	U	3.28	2.06	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzidine	0.0898	U	15.9	0.0898	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzo[a]anthracene	2.06	U	3.28	2.06	mg/Kg		12/15/14 08:29	12/16/14 09:40	10

Client Sample ID: OT 25474

Date Collected: 12/11/14 11:54
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	0.193	U	3.28	0.193	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzo[k]fluoranthene	0.293	U	3.28	0.293	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzo[g,h,i]perylene	1.74	U	3.28	1.74	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzo[a]pyrene	1.84	U	3.28	1.84	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Bis(2-chloroethoxy)methane	1.85	U	3.28	1.85	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Bis(2-chloroethyl)ether	0.328	U	3.28	0.328	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Bis(2-ethylhexyl) phthalate	1.99	U	3.28	1.99	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Bromophenyl phenyl ether	1.99	U	3.28	1.99	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Butyl benzyl phthalate	2.00	U	3.28	2.00	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Chloroaniline	0.657	U	3.28	0.657	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2-Chloronaphthalene	2.14	U	3.28	2.14	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Chlorophenyl phenyl ether	1.98	U	3.28	1.98	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Carbazole	2.03	U	3.28	2.03	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Chrysene	2.01	U	3.28	2.01	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Di-n-butyl phthalate	2.12	U	3.28	2.12	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Dibenz(a,h)anthracene	1.89	U	3.28	1.89	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Dibenzofuran	1.96	U	3.28	1.96	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
1,2-Dichlorobenzene	0.262	U	3.28	0.262	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
1,3-Dichlorobenzene	1.77	U	3.28	1.77	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
1,4-Dichlorobenzene	0.230	U	3.28	0.230	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
3,3'-Dichlorobenzidine	0.633	U	6.57	0.633	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Diethyl phthalate	2.03	U	3.28	2.03	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Dimethyl phthalate	1.99	U	3.28	1.99	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4-Dinitrotoluene	0.328	U	3.28	0.328	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,6-Dinitrotoluene	2.09	U	3.28	2.09	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Di-n-octyl phthalate	2.13	U	3.28	2.13	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Fluoranthene	2.10	U	3.28	2.10	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Fluorene	2.02	U	3.28	2.02	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Hexachlorobenzene	2.07	U	3.28	2.07	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Hexachlorocyclopentadiene	0.222	U	3.28	0.222	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Hexachloroethane	0.298	U	3.28	0.298	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Hexachlorobutadiene	0.338	U	3.28	0.338	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Indeno[1,2,3-cd]pyrene	1.80	U	3.28	1.80	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Isophorone	1.93	U	3.28	1.93	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2-Methylnaphthalene	1.88	U	3.28	1.88	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Naphthalene	0.192	U	3.28	0.192	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2-Nitroaniline	1.94	U	15.9	1.94	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
3-Nitroaniline	2.11	U	15.9	2.11	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Nitroaniline	1.80	U	15.9	1.80	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Nitrobenzene	0.472	U	3.28	0.472	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
N-Nitrosodimethylamine	0.950	U	3.28	0.950	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
N-Nitrosodiphenylamine	0.314	U	3.28	0.314	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
N-Nitrosodi-n-propylamine	0.285	U	3.28	0.285	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Phenanthrene	2.02	U	3.28	2.02	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Pyrene	2.20	U	3.28	2.20	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
1,2,4-Trichlorobenzene	2.10	U	3.28	2.10	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Benzyl alcohol	0.621	U	3.28	0.621	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Chloro-3-methylphenol	1.91	U	3.28	1.91	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2-Chlorophenol	0.232	U	3.28	0.232	mg/Kg		12/15/14 08:29	12/16/14 09:40	10

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25474

Date Collected: 12/11/14 11:54
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	0.377	U	3.28	0.377	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
3 & 4 Methylphenol	0.299	U	6.57	0.299	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4-Dichlorophenol	1.82	U	3.28	1.82	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4-Dimethylphenol	0.633	U	3.28	0.633	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4,6-Dinitro-2-methylphenol	2.06	U	15.9	2.06	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4-Dinitrophenol	1.27	U	15.9	1.27	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2-Nitrophenol	1.79	U	3.28	1.79	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
4-Nitrophenol	1.79	U	15.9	1.79	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Pentachlorophenol	0.220	U	15.9	0.220	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
Phenol	0.372	U	3.28	0.372	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4,5-Trichlorophenol	0.618	U	3.28	0.618	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
2,4,6-Trichlorophenol	1.79	U	3.28	1.79	mg/Kg		12/15/14 08:29	12/16/14 09:40	10
bis (2-Chloroisopropyl) ether	0.345	U	3.28	0.345	mg/Kg		12/15/14 08:29	12/16/14 09:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*54*		*10 - 150*	*12/15/14 08:29*	*12/16/14 09:40*	*10*
2-Fluorophenol	*41*		*25 - 132*	*12/15/14 08:29*	*12/16/14 09:40*	*10*
2-Fluorobiphenyl	*56*		*38 - 130*	*12/15/14 08:29*	*12/16/14 09:40*	*10*
2,4,6-Tribromophenol	*73*		*10 - 148*	*12/15/14 08:29*	*12/16/14 09:40*	*10*
Terphenyl-d14	*95*		*53 - 134*	*12/15/14 08:29*	*12/16/14 09:40*	*10*
Phenol-d5 (Surr)	*43*		*27 - 123*	*12/15/14 08:29*	*12/16/14 09:40*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		12/15/14 16:10	12/16/14 15:24	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		12/15/14 16:10	12/16/14 15:24	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		12/15/14 16:10	12/16/14 15:24	1
2,4,6-Trichlorophenol	**0.0145**	**J**	0.0500	0.0129	mg/L		12/15/14 16:10	12/16/14 15:24	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		12/15/14 16:10	12/16/14 15:24	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		12/15/14 16:10	12/16/14 15:24	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		12/15/14 16:10	12/16/14 15:24	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		12/15/14 16:10	12/16/14 15:24	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		12/15/14 16:10	12/16/14 15:24	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		12/15/14 16:10	12/16/14 15:24	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		12/15/14 16:10	12/16/14 15:24	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		12/15/14 16:10	12/16/14 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*48*		*10 - 130*	*12/15/14 16:10*	*12/16/14 15:24*	*1*
Nitrobenzene-d5	*71*		*35 - 130*	*12/15/14 16:10*	*12/16/14 15:24*	*1*
2-Fluorophenol	*58*		*10 - 130*	*12/15/14 16:10*	*12/16/14 15:24*	*1*
2-Fluorobiphenyl	*60*		*41 - 130*	*12/15/14 16:10*	*12/16/14 15:24*	*1*
2,4,6-Tribromophenol	*80*		*12 - 138*	*12/15/14 16:10*	*12/16/14 15:24*	*1*
Terphenyl-d14	*93*		*43 - 130*	*12/15/14 16:10*	*12/16/14 15:24*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00179	U	0.0169	0.00179	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
4,4'-DDE	0.00179	U	0.0169	0.00179	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
4,4'-DDT	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 16:04	10

Client Sample ID: OT 25474

Date Collected: 12/11/14 11:54
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-3

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.00149	U	0.0169	0.00149	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
alpha-BHC	0.00139	U	0.0169	0.00139	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
beta-BHC	0.00329	U	0.0169	0.00329	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Chlordane (n.o.s.)	0.0289	U	0.169	0.0289	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
delta-BHC	0.00189	U	0.0169	0.00189	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Dieldrin	0.00169	U	0.0169	0.00169	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Endosulfan I	0.00169	U	0.0169	0.00169	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Endosulfan II	0.00149	U	0.0169	0.00149	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Endosulfan sulfate	0.00209	U	0.0169	0.00209	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Endrin	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Endrin aldehyde	0.00219	U	0.0169	0.00219	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
gamma-BHC (Lindane)	0.00139	U	0.0169	0.00139	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Heptachlor	0.00189	U	0.0169	0.00189	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Heptachlor epoxide	0.00159	U	0.0169	0.00159	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Methoxychlor	0.00279	U	0.0169	0.00279	mg/Kg		12/18/14 11:58	12/19/14 16:04	10
Toxaphene	0.0548	U	1.69	0.0548	mg/Kg		12/18/14 11:58	12/19/14 16:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*54 - 133*	*12/18/14 11:58*	*12/19/14 16:04*	*10*
Tetrachloro-m-xylene	*0*	*D*	*46 - 130*	*12/18/14 11:58*	*12/19/14 16:04*	*10*

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000300	U	0.000500	0.000300	mg/L		12/16/14 07:46	12/17/14 12:35	1
Endrin	0.0000350	U	0.000500	0.0000350	mg/L		12/16/14 07:46	12/17/14 12:35	1
Heptachlor	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 12:35	1
Heptachlor epoxide	0.0000350	U	0.000250	0.0000350	mg/L		12/16/14 07:46	12/17/14 12:35	1
gamma-BHC (Lindane)	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 12:35	1
Methoxychlor	0.0000450	U	0.000250	0.0000450	mg/L		12/16/14 07:46	12/17/14 12:35	1
Toxaphene	0.0122	U	0.0250	0.0122	mg/L		12/16/14 07:46	12/17/14 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*364*	*X*	*32 - 143*	*12/16/14 07:46*	*12/17/14 12:35*	*1*
DCB Decachlorobiphenyl	*112*		*36 - 144*	*12/16/14 07:46*	*12/17/14 12:35*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.00230	U	0.0200	0.00230	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
Mecoprop	0.229	U	0.200	0.229	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
MCPA	0.325	U	0.200	0.325	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
Dichlorprop	0.00225	U	0.0200	0.00225	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
2,4-D	0.00170	U	0.0200	0.00170	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
Silvex (2,4,5-TP)	0.00215	U	0.0200	0.00215	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
2,4,5-T	0.00220	U	0.0200	0.00220	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
2,4-DB	0.00330	U	0.0200	0.00330	mg/Kg		12/16/14 10:16	12/17/14 21:45	5
Dinoseb	0.00160	U	0.0200	0.00160	mg/Kg		12/16/14 10:16	12/18/14 15:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*7475*	*X*	*22 - 130*	*12/16/14 10:16*	*12/17/14 21:45*	*5*
2,4-DCAA	*6839*	*X*	*22 - 130*	*12/16/14 10:16*	*12/18/14 15:15*	*5*

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25474

Date Collected: 12/11/14 11:54
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-3

Matrix: Solid

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000200	U	0.00100	0.000200	mg/L		12/15/14 16:18	12/17/14 20:51	1
Silvex (2,4,5-TP)	0.000100	U	0.00100	0.000100	mg/L		12/15/14 16:18	12/17/14 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*44*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 20:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**46.4**		9.97	3.79	mg/Kg		12/15/14 09:16	12/15/14 21:33	1
>C12-C28	**659**		9.97	4.05	mg/Kg		12/15/14 09:16	12/15/14 21:33	1
>C28-C35	**241**		9.97	4.05	mg/Kg		12/15/14 09:16	12/15/14 21:33	1
C6-C35	**946**		9.97	3.79	mg/Kg		12/15/14 09:16	12/15/14 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*108*		*70 - 130*	*12/15/14 09:16*	*12/15/14 21:33*	*1*

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**	**J**	486	24.3	mg/Kg		12/12/14 16:30	12/16/14 16:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.64**		0.476	0.0998	mg/Kg		12/15/14 14:48	12/15/14 19:05	1
Chromium	**2.49**		0.476	0.0482	mg/Kg		12/15/14 14:48	12/15/14 19:05	1
Cadmium	0.0244	U	0.238	0.0244	mg/Kg		12/15/14 14:48	12/15/14 19:05	1
Barium	**15.5**		0.952	0.0286	mg/Kg		12/15/14 14:48	12/15/14 19:05	1
Arsenic	**0.742**	**J**	0.952	0.208	mg/Kg		12/15/14 14:48	12/15/14 19:05	1
Selenium	0.247	U	1.90	0.247	mg/Kg		12/15/14 14:48	12/15/14 19:05	1

Method: 6010B - Metals (ICP) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.226	U	0.762	0.226	mg/Kg		12/15/14 14:48	12/16/14 11:22	2

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.0125	U	0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:27	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:27	1
Barium	**0.462**	**B**	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:27	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 18:05	1
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:27	1
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:27	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:27	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		12/16/14 08:07	12/16/14 12:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0123**	**J**	0.0162	0.00341	mg/Kg		12/15/14 08:01	12/15/14 12:46	1

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25474

Lab Sample ID: 600-103547-3

Date Collected: 12/11/14 11:54
Matrix: Solid
Date Received: 12/12/14 13:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	13.9	U	49.7	13.9	mg/Kg		12/16/14 10:35	12/17/14 10:52	1
Cyanide, Reactive	0.0849	U	0.248	0.0849	mg/Kg		12/16/14 10:35	12/16/14 15:52	1
Halogens, Extractable Organic	33.8	U	199	33.8	mg/Kg		12/18/14 06:10	12/18/14 11:59	1
pH	**7.63**		0.0100	0.0100	SU			12/18/14 15:10	1
Percent Water	**0.000**				%			12/24/14 10:00	1
BTU	500	U	500	500	BTU/lb			12/12/14 16:30	1
Flashpoint	**>212**		1.00	1.00	Degrees F			12/17/14 07:30	1

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-4

Date Collected: 12/11/14 12:15
Matrix: Waste
Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**25.6**	**J**	50.0	5.60	ug/Kg			12/19/14 17:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*66*		*50 - 134*		*12/19/14 17:04*	*10*
Dibromofluoromethane	*78*		*62 - 130*		*12/19/14 17:04*	*10*
Toluene-d8 (Surr)	*111*		*70 - 130*		*12/19/14 17:04*	*10*
4-Bromofluorobenzene	*101*		*67 - 139*		*12/19/14 17:04*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0217**	**J**	0.200	0.00660	mg/L			12/19/14 15:32	20
Carbon tetrachloride	0.00502	U	0.100	0.00502	mg/L			12/19/14 15:32	20
Chlorobenzene	0.00272	U	0.100	0.00272	mg/L			12/19/14 15:32	20
Chloroform	0.00400	U	0.100	0.00400	mg/L			12/19/14 15:32	20
1,2-Dichloroethane	0.00320	U	0.100	0.00320	mg/L			12/19/14 15:32	20
1,1-Dichloroethene	0.00600	U	0.100	0.00600	mg/L			12/19/14 15:32	20
2-Butanone (MEK)	0.0200	U	0.400	0.0200	mg/L			12/19/14 15:32	20
Tetrachloroethene	0.00378	U	0.100	0.00378	mg/L			12/19/14 15:32	20
Trichloroethene	0.00634	U	0.100	0.00634	mg/L			12/19/14 15:32	20
Vinyl chloride	0.00600	U	0.100	0.00600	mg/L			12/19/14 15:32	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*12/19/14 15:32*	*20*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/19/14 15:32*	*20*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*12/19/14 15:32*	*20*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*12/19/14 15:32*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	52.5	U	91.7	52.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Acenaphthylene	53.5	U	91.7	53.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Anthracene	57.6	U	91.7	57.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzidine	2.51	U	444	2.51	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzo[a]anthracene	57.6	U	91.7	57.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzo[b]fluoranthene	5.37	U	91.7	5.37	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzo[k]fluoranthene	8.17	U	91.7	8.17	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzo[g,h,i]perylene	48.7	U	91.7	48.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-4

Date Collected: 12/11/14 12:15

Matrix: Waste

Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	51.4	U	91.7	51.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Bis(2-chloroethoxy)methane	51.7	U	91.7	51.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Bis(2-chloroethyl)ether	9.16	U	91.7	9.16	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Bis(2-ethylhexyl) phthalate	55.6	U	91.7	55.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Bromophenyl phenyl ether	55.6	U	91.7	55.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Butyl benzyl phthalate	55.8	U	91.7	55.8	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Chloroaniline	18.3	U	91.7	18.3	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Chloronaphthalene	59.7	U	91.7	59.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Chlorophenyl phenyl ether	55.1	U	91.7	55.1	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Carbazole	56.6	U	91.7	56.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Chrysene	56.0	U	91.7	56.0	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Di-n-butyl phthalate	59.2	U	91.7	59.2	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Dibenz(a,h)anthracene	52.7	U	91.7	52.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Dibenzofuran	54.6	U	91.7	54.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
1,2-Dichlorobenzene	7.30	U	91.7	7.30	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
1,3-Dichlorobenzene	49.5	U	91.7	49.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
1,4-Dichlorobenzene	6.41	U	91.7	6.41	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
3,3'-Dichlorobenzidine	17.7	U	183	17.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Diethyl phthalate	56.7	U	91.7	56.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Dimethyl phthalate	55.5	U	91.7	55.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,4-Dinitrotoluene	9.14	U	91.7	9.14	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,6-Dinitrotoluene	58.2	U	91.7	58.2	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Di-n-octyl phthalate	59.3	U	91.7	59.3	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Fluoranthene	58.6	U	91.7	58.6	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Fluorene	56.4	U	91.7	56.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Hexachlorobenzene	57.8	U	91.7	57.8	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Hexachlorocyclopentadiene	6.19	U	91.7	6.19	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Hexachloroethane	8.31	U	91.7	8.31	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Hexachlorobutadiene	9.42	U	91.7	9.42	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Indeno[1,2,3-cd]pyrene	50.3	U	91.7	50.3	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Isophorone	53.9	U	91.7	53.9	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Methylnaphthalene	52.5	U	91.7	52.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Naphthalene	5.36	U	91.7	5.36	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Nitroaniline	54.1	U	444	54.1	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
3-Nitroaniline	58.8	U	444	58.8	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Nitroaniline	50.1	U	444	50.1	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Nitrobenzene	13.2	U	91.7	13.2	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
N-Nitrosodimethylamine	26.5	U	91.7	26.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
N-Nitrosodiphenylamine	8.76	U	91.7	8.76	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
N-Nitrosodi-n-propylamine	7.94	U	91.7	7.94	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Phenanthrene	56.4	U	91.7	56.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Pyrene	61.3	U	91.7	61.3	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
1,2,4-Trichlorobenzene	58.5	U	91.7	58.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Benzyl alcohol	17.3	U	91.7	17.3	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Chloro-3-methylphenol	53.4	U	91.7	53.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Chlorophenol	6.47	U	91.7	6.47	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Methylphenol	10.5	U	91.7	10.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
3 & 4 Methylphenol	8.35	U	183	8.35	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,4-Dichlorophenol	50.7	U	91.7	50.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1

Client Sample ID: FT 5180

Date Collected: 12/11/14 12:15
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-4

Matrix: Waste

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	17.7	U	91.7	17.7	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4,6-Dinitro-2-methylphenol	57.4	U	444	57.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,4-Dinitrophenol	35.5	U	444	35.5	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2-Nitrophenol	50.0	U	91.7	50.0	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
4-Nitrophenol	50.0	U	444	50.0	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Pentachlorophenol	6.14	U	444	6.14	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
Phenol	10.4	U	91.7	10.4	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,4,5-Trichlorophenol	17.2	U	91.7	17.2	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
2,4,6-Trichlorophenol	50.0	U	91.7	50.0	mg/Kg		12/16/14 10:47	12/18/14 08:48	1
bis (2-Chloroisopropyl) ether	9.62	U	91.7	9.62	mg/Kg		12/16/14 10:47	12/18/14 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*35*	*X*	*46 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*
2-Fluorophenol	*27*	*X*	*45 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*
2-Fluorobiphenyl	*37*	*X*	*42 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*
2,4,6-Tribromophenol	*32*		*25 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*
Terphenyl-d14	*42*	*X*	*51 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*
Phenol-d5 (Surr)	*33*	*X*	*48 - 130*	*12/16/14 10:47*	*12/18/14 08:48*	*1*

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		12/15/14 16:12	12/16/14 16:31	10
2,4-Dinitrotoluene	0.132	U	0.500	0.132	mg/L		12/15/14 16:12	12/16/14 16:31	10
2,4,5-Trichlorophenol	0.136	U	0.500	0.136	mg/L		12/15/14 16:12	12/16/14 16:31	10
2,4,6-Trichlorophenol	0.129	U	0.500	0.129	mg/L		12/15/14 16:12	12/16/14 16:31	10
2-Methylphenol	**4.50**		0.500	0.0905	mg/L		12/15/14 16:12	12/16/14 16:31	10
3 & 4 Methylphenol	**3.00**		1.00	0.0940	mg/L		12/15/14 16:12	12/16/14 16:31	10
Hexachlorobenzene	0.130	U	0.500	0.130	mg/L		12/15/14 16:12	12/16/14 16:31	10
Hexachlorobutadiene	0.106	U	0.500	0.106	mg/L		12/15/14 16:12	12/16/14 16:31	10
Hexachloroethane	0.110	U	0.500	0.110	mg/L		12/15/14 16:12	12/16/14 16:31	10
Nitrobenzene	0.124	U	0.500	0.124	mg/L		12/15/14 16:12	12/16/14 16:31	10
Pentachlorophenol	0.231	U	2.50	0.231	mg/L		12/15/14 16:12	12/16/14 16:31	10
Pyridine	0.108	U	0.500	0.108	mg/L		12/15/14 16:12	12/16/14 16:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*87*		*35 - 130*	*12/15/14 16:12*	*12/16/14 16:31*	*10*
2-Fluorophenol	*77*		*10 - 130*	*12/15/14 16:12*	*12/16/14 16:31*	*10*
2-Fluorobiphenyl	*86*		*41 - 130*	*12/15/14 16:12*	*12/16/14 16:31*	*10*
2,4,6-Tribromophenol	*98*		*12 - 138*	*12/15/14 16:12*	*12/16/14 16:31*	*10*
Terphenyl-d14	*121*		*43 - 130*	*12/15/14 16:12*	*12/16/14 16:31*	*10*
Phenol-d5 (Surr)	*76*		*10 - 130*	*12/15/14 16:12*	*12/16/14 16:31*	*10*

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000414	U	0.000690	0.000414	mg/L		12/16/14 07:46	12/17/14 13:25	1
Endrin	0.0000483	U	0.000690	0.0000483	mg/L		12/16/14 07:46	12/17/14 13:25	1
Heptachlor	0.0000414	U	0.000345	0.0000414	mg/L		12/16/14 07:46	12/17/14 13:25	1
Heptachlor epoxide	0.0000483	U	0.000345	0.0000483	mg/L		12/16/14 07:46	12/17/14 13:25	1
gamma-BHC (Lindane)	0.0000414	U	0.000345	0.0000414	mg/L		12/16/14 07:46	12/17/14 13:25	1
Methoxychlor	0.0000621	U	0.000345	0.0000621	mg/L		12/16/14 07:46	12/17/14 13:25	1

Client Sample ID: FT 5180

Date Collected: 12/11/14 12:15
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-4

Matrix: Waste

Method: 8081A - Organochlorine Pesticides (GC) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	0.0168	U	0.0345	0.0168	mg/L		12/16/14 07:46	12/17/14 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*116*		*32 - 143*	*12/16/14 07:46*	*12/17/14 13:25*	*1*
DCB Decachlorobiphenyl	*59*		*36 - 144*	*12/16/14 07:46*	*12/17/14 13:25*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.0223	U	0.194	0.0223	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
Mecoprop	2.23	U	1.94	2.23	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
MCPA	3.15	U	1.94	3.15	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
Dichlorprop	0.0218	U	0.194	0.0218	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
2,4-D	0.0165	U	0.194	0.0165	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
Silvex (2,4,5-TP)	0.0209	U	0.194	0.0209	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
2,4,5-T	0.0214	U	0.194	0.0214	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
2,4-DB	0.0320	U	0.194	0.0320	mg/Kg		12/17/14 10:58	12/18/14 00:22	1
Dinoseb	0.0155	U	0.194	0.0155	mg/Kg		12/17/14 10:58	12/18/14 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*71*		*10 - 125.2*	*12/17/14 10:58*	*12/18/14 00:22*	*1*
2,4-DCAA	*68*		*10 - 125.2*	*12/17/14 10:58*	*12/18/14 15:46*	*1*

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.00100	U	0.00500	0.00100	mg/L		12/15/14 16:18	12/17/14 22:02	5
Silvex (2,4,5-TP)	0.000500	U	0.00500	0.000500	mg/L		12/15/14 16:18	12/17/14 22:02	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*34*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 22:02*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**109**		49.9	19.0	mg/Kg		12/15/14 09:16	12/16/14 07:39	5
>C12-C28	**2440**		49.9	20.3	mg/Kg		12/15/14 09:16	12/16/14 07:39	5
>C28-C35	**913**		49.9	20.3	mg/Kg		12/15/14 09:16	12/16/14 07:39	5
C6-C35	**3460**		49.9	19.0	mg/Kg		12/15/14 09:16	12/16/14 07:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*126*		*70 - 130*	*12/15/14 09:16*	*12/16/14 07:39*	*5*

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	781	U	781	781	mg/Kg		01/02/15 07:58	01/02/15 14:57	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.88**		0.485	0.102	mg/Kg		12/15/14 14:48	12/15/14 19:08	1
Chromium	**1.77**		0.485	0.0491	mg/Kg		12/15/14 14:48	12/15/14 19:08	1
Cadmium	0.0249	U	0.243	0.0249	mg/Kg		12/15/14 14:48	12/15/14 19:08	1

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-4

Date Collected: 12/11/14 12:15
Matrix: Waste
Date Received: 12/12/14 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**39.5**		0.971	0.0291	mg/Kg		12/15/14 14:48	12/15/14 19:08	1
Arsenic	**0.264**	**J**	0.971	0.212	mg/Kg		12/15/14 14:48	12/15/14 19:08	1
Silver	0.115	U	0.388	0.115	mg/Kg		12/15/14 14:48	12/15/14 19:08	1
Selenium	0.251	U	1.94	0.251	mg/Kg		12/15/14 14:48	12/15/14 19:08	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:35	1
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:35	1
Cadmium	0.00350	U ^	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 12:35	1
Barium	**0.458**	**B**	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:35	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:35	1
Silver	0.0125	U	0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:35	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:35	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		12/16/14 08:07	12/16/14 12:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0167**		0.0162	0.00341	mg/Kg		12/15/14 08:01	12/15/14 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>186**		1.00	1.00	Degrees F			12/18/14 10:45	1
Cyanide, Reactive	0.0852	U	0.249	0.0852	mg/Kg		12/16/14 10:35	12/16/14 15:52	1
Halogens, Extractable Organic	33.5	U	197	33.5	mg/Kg		12/18/14 06:12	12/18/14 12:12	1
Sulfide, Reactive	**249**		49.8	13.9	mg/Kg		12/16/14 10:35	12/17/14 10:52	1
pH	**6.33**		0.0100	0.0100	SU			12/18/14 15:10	1
Percent Water	**76.0**				%			12/24/14 10:00	1
BTU	500	U	500	500	BTU/lb			12/12/14 16:30	1

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-5

Date Collected: 12/11/14 12:15
Matrix: Water
Date Received: 12/12/14 13:05

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0000624	U	0.000495	0.0000624	mg/L		12/18/14 16:45	12/19/14 19:08	10
4,4'-DDE	0.0000505	U	0.000495	0.0000505	mg/L		12/18/14 16:45	12/19/14 19:08	10
4,4'-DDT	0.0000693	U	0.000495	0.0000693	mg/L		12/18/14 16:45	12/19/14 19:08	10
Aldrin	0.0000713	U	0.000495	0.0000713	mg/L		12/18/14 16:45	12/19/14 19:08	10
alpha-BHC	0.0000337	U	0.000495	0.0000337	mg/L		12/18/14 16:45	12/19/14 19:08	10
beta-BHC	0.0000901	U	0.000495	0.0000901	mg/L		12/18/14 16:45	12/19/14 19:08	10
Chlordane (n.o.s.)	0.000940	U	0.00495	0.000940	mg/L		12/18/14 16:45	12/19/14 19:08	10
delta-BHC	0.0000742	U	0.000495	0.0000742	mg/L		12/18/14 16:45	12/19/14 19:08	10
Dieldrin	0.0000376	U	0.000495	0.0000376	mg/L		12/18/14 16:45	12/19/14 19:08	10
Endosulfan I	**0.0000852**	**J**	0.000495	0.0000346	mg/L		12/18/14 16:45	12/19/14 19:08	10
Endosulfan II	0.0000416	U	0.000495	0.0000416	mg/L		12/18/14 16:45	12/19/14 19:08	10
Endosulfan sulfate	0.0000505	U	0.000495	0.0000505	mg/L		12/18/14 16:45	12/19/14 19:08	10

Client Sample Results

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: FT 5180

Date Collected: 12/11/14 12:15
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-5

Matrix: Water

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	0.0000525	U	0.000495	0.0000525	mg/L		12/18/14 16:45	12/19/14 19:08	10
Endrin aldehyde	0.0000604	U	0.000495	0.0000604	mg/L		12/18/14 16:45	12/19/14 19:08	10
gamma-BHC (Lindane)	0.0000356	U	0.000495	0.0000356	mg/L		12/18/14 16:45	12/19/14 19:08	10
Heptachlor	0.0000703	U	0.000495	0.0000703	mg/L		12/18/14 16:45	12/19/14 19:08	10
Heptachlor epoxide	0.0000366	U	0.000495	0.0000366	mg/L		12/18/14 16:45	12/19/14 19:08	10
Methoxychlor	0.0000970	U	0.000495	0.0000970	mg/L		12/18/14 16:45	12/19/14 19:08	10
Toxaphene	0.00396	U	0.0495	0.00396	mg/L		12/18/14 16:45	12/19/14 19:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*D*	*14 - 130*	*12/18/14 16:45*	*12/19/14 19:08*	*10*
Tetrachloro-m-xylene	*0*	*D*	*40 - 130*	*12/18/14 16:45*	*12/19/14 19:08*	*10*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits

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
X	Surrogate is outside control limits
U	Indicates the analyte was analyzed for but not detected.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

HPLC/IC

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.
E	Result exceeded calibration range.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
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.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

General Chemistry

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

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

Matrix: Solid **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)
600-103547-1	OT 25563	108	94	122	87
600-103547-2	OT 25337	94	91	130	91
600-103547-3	OT 25474	85	83	115	82
LCS 600-151711/3	Lab Control Sample	90	80	113	67
LCSD 600-151711/4	Lab Control Sample Dup	95	92	115	81
MB 600-151711/6	Method Blank	97	87	126	76

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: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	TOL	BFB	12DCE
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
LCS 560-110919/3	Lab Control Sample	102	100	95	98
MB 560-110919/8	Method Blank	99	100	104	102

Surrogate Legend

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

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

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	TOL	BFB	12DCE
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
600-103547-1	OT 25563	98	97	102	101
600-103547-1 MS	OT 25563	102	102	95	98
600-103547-1 MSD	OT 25563	102	104	95	97
600-103547-2	OT 25337	98	100	103	100
600-103547-3	OT 25474	98	98	102	99
LB 560-110912/1-A	Method Blank	100	101	102	102

Surrogate Legend

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

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(50-134)	(62-130)	(70-130)	(67-139)
600-103547-4	FT 5180	66	78	111	101
LCS 600-152106/4	Lab Control Sample	95	115	101	82
LCSD 600-152106/5	Lab Control Sample Dup	87	106	96	81
MB 600-152106/7	Method Blank	76	83	99	94

Surrogate Legend

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

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

Matrix: Waste **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	TOL	BFB	12DCE
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
600-103547-4	FT 5180	96	100	103	102
LB3 560-110905/1-A	Method Blank	97	101	104	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(10-150)	(25-132)	(38-130)	(10-148)	(53-134)	(27-123)
600-103547-1	OT 25563	0 X	0 X	0 X	0 X	0 X	0 X
600-103547-2	OT 25337	0 X	0 X	0 X	0 X	0 X	0 X
600-103547-3	OT 25474	54	41	56	73	95	43
600-103547-3 MS	OT 25474	51	40	53	60	83	44
600-103547-3 MSD	OT 25474	51	40	51	67	90	43
LCS 600-151624/2-A	Lab Control Sample	69	63	65	71	89	65
MB 600-151624/1-A	Method Blank	64	57	59	55	92	56

Surrogate Legend

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

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)						
		NBZ	2FP	FBP	TBP	TPH	PHL	PHL
Lab Sample ID	Client Sample ID	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)	(10-130)	(10-130)
LCS 600-151635/2-A	Lab Control Sample	90	44	80	95	104	27	27
MB 600-151635/1-A	Method Blank	84	42	70	74	91	26	26

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: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)						
		PHL	PHL	NBZ	2FP	FBP	TBP	TPH
Lab Sample ID	Client Sample ID	(10-130)	(10-130)	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)
600-103547-1	OT 25563	49	49	70	58	59	73	93
600-103547-1 MS	OT 25563	55	55	80	66	68	78	94
600-103547-2	OT 25337	41	41	65	52	54	73	94
600-103547-3	OT 25474	48	48	71	58	60	80	93
600-103547-3 MS	OT 25474	59	59	72	68	66	81	89
LB 600-151605/1-C	Method Blank	46	46	63	53	52	54	91
LB 600-151606/1-C	Method Blank	47	47	69	56	56	68	97

Surrogate Legend

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

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)
600-103547-4	FT 5180	35 X	27 X	37 X	32	42 X	33 X
LCS 600-151742/2-A	Lab Control Sample	92	87	84	89	97	88
MB 600-151742/1-A	Method Blank	91	85	85	90	91	83

Surrogate Legend

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

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

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)
600-103547-4	FT 5180	87	77	86	98	121	76
600-103547-4 MS	FT 5180	85	76	82	89	110	76

Surrogate Legend

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

Method: 8081A - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(54-133)	(46-130)
600-103547-1	OT 25563	0 D	0 D
600-103547-2	OT 25337	0 D	0 D
600-103547-3	OT 25474	0 D	0 D
LCS 680-363837/22-A	Lab Control Sample	96	100

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081A - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(32-143)	(36-144)
LCS 600-151707/2-A	Lab Control Sample	86	109
MB 600-151707/1-A	Method Blank	104	104

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX2
Lab Sample ID	Client Sample ID	(54-133)	(46-130)
MB 680-363837/21-A	Method Blank	101	109

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: TCLP**

Lab Sample ID	Client Sample ID	TCX1 (32-143)	DCB1 (36-144)
600-103547-1	OT 25563	75	96
600-103547-1 MS	OT 25563	66	82
600-103547-2	OT 25337	76	115
600-103547-3	OT 25474	364 X	112
600-103547-3 MS	OT 25474	347 X	106
LB 600-151606/1-E	Method Blank	84	98

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Waste **Prep Type: TCLP**

Lab Sample ID	Client Sample ID	TCX1 (32-143)	DCB1 (36-144)
600-103547-4	FT 5180	116	59
600-103547-4 MS	FT 5180	119	53

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

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

Lab Sample ID	Client Sample ID	DCB1 (14-130)	TCX1 (40-130)
600-103547-5	FT 5180	0 D	0 D

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

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

Lab Sample ID	Client Sample ID	DCB2 (14-130)	TCX1 (40-130)
LCS 680-363818/8-A	Lab Control Sample	59	63
LCSD 680-363818/16-A	Lab Control Sample Dup	61	69
MB 680-363818/7-A	Method Blank	66	64

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Method: 8151A - Herbicides (GC)

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

Lab Sample ID	Client Sample ID	DCPA1 (10-125.2)
LCS 600-151691/2-A	Lab Control Sample	81
MB 600-151691/1-A	Method Blank	76

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

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

Lab Sample ID	Client Sample ID	DCPA1 (22-130)
600-103547-1	OT 25563	97
600-103547-1	OT 25563	109
600-103547-2	OT 25337	87
600-103547-2	OT 25337	85
600-103547-3	OT 25474	7475 X
600-103547-3	OT 25474	6839 X
600-103547-3 MS	OT 25474	3079 X
600-103547-3 MSD	OT 25474	8595 X
LCS 600-151732/2-A	Lab Control Sample	110
MB 600-151732/1-A	Method Blank	90

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCPA = 2,4-DCAA

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: TCLP**

Lab Sample ID	Client Sample ID	DCPA1 (10-125.2)
600-103547-1	OT 25563	13
600-103547-1 MS	OT 25563	28
600-103547-2	OT 25337	12
600-103547-3	OT 25474	44
600-103547-3 MS	OT 25474	25
LB 600-151605/1-D	Method Blank	43
LB 600-151606/1-D	Method Blank	50

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

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

Lab Sample ID	Client Sample ID	DCPA1 (10-125.2)
600-103547-4	FT 5180	71

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Method: 8151A - Herbicides (GC) (Continued)

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (10-125.2)
600-103547-4	FT 5180	68
LCS 600-151903/2-A	Lab Control Sample	57
MB 600-151903/1-A	Method Blank	30

Surrogate Legend

DCPA = 2,4-DCAA

Method: 8151A - Herbicides (GC)

Matrix: Waste **Prep Type: TCLP**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (10-125.2)
600-103547-4	FT 5180	34
600-103547-4 MS	FT 5180	61

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

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

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

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (70-130)
600-103547-1 - DL	OT 25563	0 X
600-103547-2 - DL	OT 25337	117
600-103547-3	OT 25474	108
LCS 600-151634/2-A	Lab Control Sample	110
MB 600-151634/1-A	Method Blank	110

Surrogate Legend

OTPH = o-Terphenyl

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)
600-103547-4 - DL	FT 5180	126

Surrogate Legend

OTPH = o-Terphenyl

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

Lab Sample ID: MB 560-110919/8
Matrix: Solid
Analysis Batch: 110919

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000330	U	0.0100	0.000330	mg/L			12/19/14 11:44	1
Carbon tetrachloride	0.000251	U	0.00500	0.000251	mg/L			12/19/14 11:44	1
Chlorobenzene	0.000136	U	0.00500	0.000136	mg/L			12/19/14 11:44	1
Chloroform	0.000200	U	0.00500	0.000200	mg/L			12/19/14 11:44	1
1,2-Dichloroethane	0.000160	U	0.00500	0.000160	mg/L			12/19/14 11:44	1
1,1-Dichloroethene	0.000300	U	0.00500	0.000300	mg/L			12/19/14 11:44	1
2-Butanone (MEK)	0.00100	U	0.0200	0.00100	mg/L			12/19/14 11:44	1
Tetrachloroethene	0.000189	U	0.00500	0.000189	mg/L			12/19/14 11:44	1
Trichloroethene	0.000317	U	0.00500	0.000317	mg/L			12/19/14 11:44	1
Vinyl chloride	0.000300	U	0.00500	0.000300	mg/L			12/19/14 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*12/19/14 11:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/19/14 11:44*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*12/19/14 11:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*12/19/14 11:44*	*1*

Lab Sample ID: LCS 560-110919/3
Matrix: Solid
Analysis Batch: 110919

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.02133		mg/L		85	70 - 130
Carbon tetrachloride	0.0250	0.01959		mg/L		78	65 - 135
Chlorobenzene	0.0250	0.02232		mg/L		89	70 - 130
Chloroform	0.0250	0.02135		mg/L		85	70 - 130
1,2-Dichloroethane	0.0250	0.02050		mg/L		82	68 - 130
1,1-Dichloroethene	0.0250	0.01887		mg/L		75	67 - 130
2-Butanone (MEK)	0.0250	0.02255		mg/L		90	50 - 158
Tetrachloroethene	0.0250	0.02097		mg/L		84	60 - 130
Trichloroethene	0.0250	0.02127		mg/L		85	70 - 130
Vinyl chloride	0.0250	0.01961		mg/L		78	59 - 139

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 600-151711/6
Matrix: Solid
Analysis Batch: 151711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 10:34	1
Chlorobromomethane	0.00178	U	0.00500	0.00178	mg/Kg			12/16/14 10:34	1
Bromoform	0.00137	U	0.00500	0.00137	mg/Kg			12/16/14 10:34	1

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

Lab Sample ID: MB 600-151711/6
Matrix: Solid
Analysis Batch: 151711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.000830	U	0.0100	0.000830	mg/Kg			12/16/14 10:34	1
2-Butanone (MEK)	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 10:34	1
Carbon disulfide	0.000550	U	0.0100	0.000550	mg/Kg			12/16/14 10:34	1
Carbon tetrachloride	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 10:34	1
Dibromochloromethane	0.000940	U	0.00500	0.000940	mg/Kg			12/16/14 10:34	1
Chlorobenzene	0.000960	U	0.00500	0.000960	mg/Kg			12/16/14 10:34	1
Chloroethane	0.00140	U	0.0100	0.00140	mg/Kg			12/16/14 10:34	1
Chloroform	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 10:34	1
Chloromethane	0.00166	U	0.0100	0.00166	mg/Kg			12/16/14 10:34	1
1,1-Dichloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 10:34	1
1,2-Dichloroethane	0.000900	U	0.00500	0.000900	mg/Kg			12/16/14 10:34	1
1,1-Dichloroethene	0.00122	U	0.00500	0.00122	mg/Kg			12/16/14 10:34	1
cis-1,2-Dichloroethene	0.000830	U	0.00500	0.000830	mg/Kg			12/16/14 10:34	1
trans-1,2-Dichloroethene	0.00114	U	0.00500	0.00114	mg/Kg			12/16/14 10:34	1
1,2-Dichloropropane	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 10:34	1
Benzene	0.000630	U	0.00500	0.000630	mg/Kg			12/16/14 10:34	1
cis-1,3-Dichloropropene	0.000540	U	0.00500	0.000540	mg/Kg			12/16/14 10:34	1
trans-1,3-Dichloropropene	0.000580	U	0.00500	0.000580	mg/Kg			12/16/14 10:34	1
Ethylbenzene	0.00102	U	0.00500	0.00102	mg/Kg			12/16/14 10:34	1
2-Hexanone	0.00101	U	0.0100	0.00101	mg/Kg			12/16/14 10:34	1
Methylene Chloride	0.00219	U	0.0100	0.00219	mg/Kg			12/16/14 10:34	1
4-Methyl-2-pentanone (MIBK)	0.00147	U	0.0100	0.00147	mg/Kg			12/16/14 10:34	1
Styrene	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 10:34	1
1,1,2,2-Tetrachloroethane	0.000870	U	0.00500	0.000870	mg/Kg			12/16/14 10:34	1
Tetrachloroethene	0.000710	U	0.00500	0.000710	mg/Kg			12/16/14 10:34	1
Toluene	0.00138	U	0.00500	0.00138	mg/Kg			12/16/14 10:34	1
1,1,1-Trichloroethane	0.000740	U	0.00500	0.000740	mg/Kg			12/16/14 10:34	1
1,1,2-Trichloroethane	0.000730	U	0.0400	0.000730	mg/Kg			12/16/14 10:34	1
Trichloroethene	0.00140	U	0.00500	0.00140	mg/Kg			12/16/14 10:34	1
Vinyl acetate	0.000930	U	0.0100	0.000930	mg/Kg			12/16/14 10:34	1
Vinyl chloride	0.000900	U	0.0100	0.000900	mg/Kg			12/16/14 10:34	1
o-Xylene	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 10:34	1
m-Xylene & p-Xylene	0.00152	U	0.00500	0.00152	mg/Kg			12/16/14 10:34	1
Xylenes, Total	0.00113	U	0.00500	0.00113	mg/Kg			12/16/14 10:34	1
Bromodichloromethane	0.000660	U	0.00500	0.000660	mg/Kg			12/16/14 10:34	1
1,2-Dichloroethene, Total	0.00190	U	0.0100	0.00190	mg/Kg			12/16/14 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*50 - 130*		*12/16/14 10:34*	*1*
Dibromofluoromethane	*87*		*68 - 140*		*12/16/14 10:34*	*1*
4-Bromofluorobenzene	*126*		*57 - 140*		*12/16/14 10:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*76*		*61 - 130*		*12/16/14 10:34*	*1*

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

Lab Sample ID: LCS 600-151711/3
Matrix: Solid
Analysis Batch: 151711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	0.100	0.06146		mg/Kg		61	13 - 150
Chlorobromomethane	0.0500	0.03758		mg/Kg		75	70 - 132
Bromoform	0.0500	0.04240		mg/Kg		85	43 - 150
Bromomethane	0.0500	0.04905		mg/Kg		98	37 - 147
2-Butanone (MEK)	0.100	0.08354		mg/Kg		84	33 - 150
Carbon disulfide	0.0500	0.03897		mg/Kg		78	51 - 141
Carbon tetrachloride	0.0500	0.03922		mg/Kg		78	58 - 130
Dibromochloromethane	0.0500	0.03859		mg/Kg		77	65 - 134
Chlorobenzene	0.0500	0.04195		mg/Kg		84	63 - 131
Chloroethane	0.0500	0.05410		mg/Kg		108	40 - 150
Chloroform	0.0500	0.04161		mg/Kg		83	69 - 130
Chloromethane	0.0500	0.06103		mg/Kg		122	44 - 141
1,1-Dichloroethane	0.0500	0.04648		mg/Kg		93	63 - 140
1,2-Dichloroethane	0.0500	0.03889		mg/Kg		78	58 - 137
1,1-Dichloroethene	0.0500	0.04075		mg/Kg		82	62 - 142
cis-1,2-Dichloroethene	0.0500	0.04219		mg/Kg		84	70 - 130
trans-1,2-Dichloroethene	0.0500	0.04169		mg/Kg		83	69 - 130
1,2-Dichloropropane	0.0500	0.04662		mg/Kg		93	70 - 130
Benzene	0.0500	0.04459		mg/Kg		89	70 - 131
cis-1,3-Dichloropropene	0.0500	0.04645		mg/Kg		93	65 - 130
trans-1,3-Dichloropropene	0.0500	0.04205		mg/Kg		84	70 - 130
Ethylbenzene	0.0500	0.04342		mg/Kg		87	66 - 130
2-Hexanone	0.100	0.1278		mg/Kg		128	35 - 150
Methylene Chloride	0.0500	0.03599		mg/Kg		72	61 - 150
4-Methyl-2-pentanone (MIBK)	0.100	0.1179		mg/Kg		118	21 - 150
Styrene	0.0500	0.04224		mg/Kg		84	65 - 133
1,1,2,2-Tetrachloroethane	0.0500	0.04808		mg/Kg		96	61 - 138
Tetrachloroethene	0.0500	0.03349		mg/Kg		67	43 - 143
Toluene	0.0500	0.04596		mg/Kg		92	67 - 130
1,1,1-Trichloroethane	0.0500	0.03942		mg/Kg		79	59 - 130
1,1,2-Trichloroethane	0.0500	0.03999	J	mg/Kg		80	67 - 134
Trichloroethene	0.0500	0.03894		mg/Kg		78	63 - 135
Vinyl acetate	0.100	0.08973		mg/Kg		90	40 - 150
Vinyl chloride	0.0500	0.05402		mg/Kg		108	40 - 148
o-Xylene	0.0500	0.04396		mg/Kg		88	62 - 130
m-Xylene & p-Xylene	0.0500	0.04388		mg/Kg		88	64 - 130
Xylenes, Total	0.100	0.08784		mg/Kg		88	63 - 130
Bromodichloromethane	0.0500	0.04134		mg/Kg		83	67 - 138
1,2-Dichloroethene, Total	0.100	0.08388		mg/Kg		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*50 - 130*
Dibromofluoromethane	*80*		*68 - 140*
4-Bromofluorobenzene	*113*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*67*		*61 - 130*

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

Lab Sample ID: LCSD 600-151711/4
Matrix: Solid
Analysis Batch: 151711

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.100	0.07935		mg/Kg		79	13 - 150	25	30
Chlorobromomethane	0.0500	0.04160		mg/Kg		83	70 - 132	10	30
Bromoform	0.0500	0.04249		mg/Kg		85	43 - 150	0	30
Bromomethane	0.0500	0.05563		mg/Kg		111	37 - 147	13	30
2-Butanone (MEK)	0.100	0.1062		mg/Kg		106	33 - 150	24	30
Carbon disulfide	0.0500	0.04064		mg/Kg		81	51 - 141	4	30
Carbon tetrachloride	0.0500	0.03869		mg/Kg		77	58 - 130	1	30
Dibromochloromethane	0.0500	0.03990		mg/Kg		80	65 - 134	3	30
Chlorobenzene	0.0500	0.03961		mg/Kg		79	63 - 131	6	30
Chloroethane	0.0500	0.06421		mg/Kg		128	40 - 150	17	30
Chloroform	0.0500	0.04388		mg/Kg		88	69 - 130	5	30
Chloromethane	0.0500	0.06205		mg/Kg		124	44 - 141	2	30
1,1-Dichloroethane	0.0500	0.04779		mg/Kg		96	63 - 140	3	30
1,2-Dichloroethane	0.0500	0.04340		mg/Kg		87	58 - 137	11	30
1,1-Dichloroethene	0.0500	0.04221		mg/Kg		84	62 - 142	4	30
cis-1,2-Dichloroethene	0.0500	0.04472		mg/Kg		89	70 - 130	6	30
trans-1,2-Dichloroethene	0.0500	0.04340		mg/Kg		87	69 - 130	4	30
1,2-Dichloropropane	0.0500	0.04872		mg/Kg		97	70 - 130	4	30
Benzene	0.0500	0.04496		mg/Kg		90	70 - 131	1	30
cis-1,3-Dichloropropene	0.0500	0.04700		mg/Kg		94	65 - 130	1	30
trans-1,3-Dichloropropene	0.0500	0.04243		mg/Kg		85	70 - 130	1	30
Ethylbenzene	0.0500	0.03928		mg/Kg		79	66 - 130	10	30
2-Hexanone	0.100	0.1611	*	mg/Kg		161	35 - 150	23	30
Methylene Chloride	0.0500	0.03920		mg/Kg		78	61 - 150	9	30
4-Methyl-2-pentanone (MIBK)	0.100	0.1508	*	mg/Kg		151	21 - 150	24	30
Styrene	0.0500	0.03966		mg/Kg		79	65 - 133	6	30
1,1,2,2-Tetrachloroethane	0.0500	0.05374		mg/Kg		107	61 - 138	11	30
Tetrachloroethene	0.0500	0.03094		mg/Kg		62	43 - 143	8	30
Toluene	0.0500	0.04367		mg/Kg		87	67 - 130	5	30
1,1,1-Trichloroethane	0.0500	0.04077		mg/Kg		82	59 - 130	3	30
1,1,2-Trichloroethane	0.0500	0.04422		mg/Kg		88	67 - 134	10	30
Trichloroethene	0.0500	0.03823		mg/Kg		76	63 - 135	2	30
Vinyl acetate	0.100	0.1113		mg/Kg		111	40 - 150	21	30
Vinyl chloride	0.0500	0.05760		mg/Kg		115	40 - 148	6	30
o-Xylene	0.0500	0.04137		mg/Kg		83	62 - 130	6	30
m-Xylene & p-Xylene	0.0500	0.03971		mg/Kg		79	64 - 130	10	30
Xylenes, Total	0.100	0.08108		mg/Kg		81	63 - 130	8	30
Bromodichloromethane	0.0500	0.04232		mg/Kg		85	67 - 138	2	30
1,2-Dichloroethene, Total	0.100	0.08812		mg/Kg		88	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*50 - 130*
Dibromofluoromethane	*92*		*68 - 140*
4-Bromofluorobenzene	*115*		*57 - 140*
1,2-Dichloroethane-d4 (Surr)	*81*		*61 - 130*

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

Lab Sample ID: MB 600-152106/7 — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.560	U	5.00	0.560	ug/Kg			12/19/14 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*12/19/14 13:20*	*1*
Dibromofluoromethane	*83*		*62 - 130*		*12/19/14 13:20*	*1*
4-Bromofluorobenzene	*94*		*67 - 139*		*12/19/14 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*76*		*50 - 134*		*12/19/14 13:20*	*1*

Lab Sample ID: LCS 600-152106/4 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152106

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			50.0	56.97		ug/Kg		114	70 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
Dibromofluoromethane	*115*		*62 - 130*
4-Bromofluorobenzene	*82*		*67 - 139*
1,2-Dichloroethane-d4 (Surr)	*95*		*50 - 134*

Lab Sample ID: LCSD 600-152106/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152106

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	53.57		ug/Kg		107	70 - 131	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
Dibromofluoromethane	*106*		*62 - 130*
4-Bromofluorobenzene	*81*		*67 - 139*
1,2-Dichloroethane-d4 (Surr)	*87*		*50 - 134*

Lab Sample ID: LB 560-110912/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 110919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00165	U	0.0500	0.00165	mg/L			12/19/14 11:19	5
Carbon tetrachloride	0.00126	U	0.0250	0.00126	mg/L			12/19/14 11:19	5
Chlorobenzene	0.000680	U	0.0250	0.000680	mg/L			12/19/14 11:19	5
Chloroform	0.00100	U	0.0250	0.00100	mg/L			12/19/14 11:19	5
1,2-Dichloroethane	0.000800	U	0.0250	0.000800	mg/L			12/19/14 11:19	5
1,1-Dichloroethene	0.00150	U	0.0250	0.00150	mg/L			12/19/14 11:19	5
2-Butanone (MEK)	0.00500	U	0.100	0.00500	mg/L			12/19/14 11:19	5
Tetrachloroethene	0.000945	U	0.0250	0.000945	mg/L			12/19/14 11:19	5

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

Lab Sample ID: LB 560-110912/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 110919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00159	U	0.0250	0.00159	mg/L			12/19/14 11:19	5
Vinyl chloride	0.00150	U	0.0250	0.00150	mg/L			12/19/14 11:19	5

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*12/19/14 11:19*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/19/14 11:19*	*5*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*12/19/14 11:19*	*5*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*12/19/14 11:19*	*5*

Lab Sample ID: LB3 560-110905/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 110919

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00165	U	0.0500	0.00165	mg/L			12/19/14 12:10	5
Carbon tetrachloride	0.00126	U	0.0250	0.00126	mg/L			12/19/14 12:10	5
Chlorobenzene	0.000680	U	0.0250	0.000680	mg/L			12/19/14 12:10	5
Chloroform	0.00100	U	0.0250	0.00100	mg/L			12/19/14 12:10	5
1,2-Dichloroethane	0.000800	U	0.0250	0.000800	mg/L			12/19/14 12:10	5
1,1-Dichloroethene	0.00150	U	0.0250	0.00150	mg/L			12/19/14 12:10	5
2-Butanone (MEK)	0.00500	U	0.100	0.00500	mg/L			12/19/14 12:10	5
Tetrachloroethene	0.000945	U	0.0250	0.000945	mg/L			12/19/14 12:10	5
Trichloroethene	0.00159	U	0.0250	0.00159	mg/L			12/19/14 12:10	5
Vinyl chloride	0.00150	U	0.0250	0.00150	mg/L			12/19/14 12:10	5

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*12/19/14 12:10*	*5*
Toluene-d8 (Surr)	*101*		*70 - 130*		*12/19/14 12:10*	*5*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*12/19/14 12:10*	*5*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*12/19/14 12:10*	*5*

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 110919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00165	U	0.125	0.1271		mg/L		102	70 - 130
Carbon tetrachloride	0.00126	U	0.125	0.1314		mg/L		105	70 - 138
Chlorobenzene	0.000680	U	0.125	0.1317		mg/L		105	70 - 130
Chloroform	0.00100	U	0.125	0.1272		mg/L		102	70 - 130
1,2-Dichloroethane	0.000800	U	0.125	0.1175		mg/L		94	65 - 130
1,1-Dichloroethene	0.00150	U	0.125	0.1141		mg/L		91	67 - 143
2-Butanone (MEK)	0.00500	U	0.125	0.1103		mg/L		88	42 - 142
Tetrachloroethene	0.000945	U	0.125	0.1308		mg/L		105	69 - 130
Trichloroethene	0.00159	U	0.125	0.1305		mg/L		104	70 - 130
Vinyl chloride	0.00150	U	0.125	0.1313		mg/L		105	49 - 158

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

Lab Sample ID: 600-103547-1 MS
Matrix: Solid
Analysis Batch: 110919

Client Sample ID: OT 25563
Prep Type: TCLP

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*

Lab Sample ID: 600-103547-1 MSD
Matrix: Solid
Analysis Batch: 110919

Client Sample ID: OT 25563
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00165	U	0.125	0.1329		mg/L		106	70 - 130	4	20
Carbon tetrachloride	0.00126	U	0.125	0.1334		mg/L		107	70 - 138	1	20
Chlorobenzene	0.000680	U	0.125	0.1371		mg/L		110	70 - 130	4	20
Chloroform	0.00100	U	0.125	0.1319		mg/L		106	70 - 130	4	20
1,2-Dichloroethane	0.000800	U	0.125	0.1269		mg/L		102	65 - 130	8	20
1,1-Dichloroethene	0.00150	U	0.125	0.1252		mg/L		100	67 - 143	9	20
2-Butanone (MEK)	0.00500	U	0.125	0.1356	F2	mg/L		109	42 - 142	21	20
Tetrachloroethene	0.000945	U	0.125	0.1368		mg/L		109	69 - 130	4	20
Trichloroethene	0.00159	U	0.125	0.1375		mg/L		110	70 - 130	5	20
Vinyl chloride	0.00150	U	0.125	0.1330		mg/L		106	49 - 158	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 600-151624/1-A
Matrix: Solid
Analysis Batch: 151667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.189	U	0.330	0.189	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Acenaphthylene	0.193	U	0.330	0.193	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Anthracene	0.207	U	0.330	0.207	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzidine	0.00902	U	1.60	0.00902	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzo[a]anthracene	0.207	U	0.330	0.207	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzo[b]fluoranthene	0.0193	U	0.330	0.0193	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzo[k]fluoranthene	0.0294	U	0.330	0.0294	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzo[g,h,i]perylene	0.175	U	0.330	0.175	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzo[a]pyrene	0.185	U	0.330	0.185	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Bis(2-chloroethoxy)methane	0.186	U	0.330	0.186	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Bis(2-chloroethyl)ether	0.0330	U	0.330	0.0330	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Bis(2-ethylhexyl) phthalate	0.200	U	0.330	0.200	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4-Bromophenyl phenyl ether	0.200	U	0.330	0.200	mg/Kg		12/15/14 08:29	12/15/14 19:13	1

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

Lab Sample ID: MB 600-151624/1-A
Matrix: Solid
Analysis Batch: 151667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.201	U	0.330	0.201	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4-Chloroaniline	0.0660	U	0.330	0.0660	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Chloronaphthalene	0.215	U	0.330	0.215	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4-Chlorophenyl phenyl ether	0.198	U	0.330	0.198	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Carbazole	0.204	U	0.330	0.204	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Chrysene	0.202	U	0.330	0.202	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Di-n-butyl phthalate	0.213	U	0.330	0.213	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Dibenz(a,h)anthracene	0.190	U	0.330	0.190	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Dibenzofuran	0.197	U	0.330	0.197	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
1,2-Dichlorobenzene	0.0263	U	0.330	0.0263	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
1,3-Dichlorobenzene	0.178	U	0.330	0.178	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
1,4-Dichlorobenzene	0.0231	U	0.330	0.0231	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
3,3'-Dichlorobenzidine	0.0636	U	0.660	0.0636	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Diethyl phthalate	0.204	U	0.330	0.204	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Dimethyl phthalate	0.200	U	0.330	0.200	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4-Dinitrotoluene	0.0329	U	0.330	0.0329	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,6-Dinitrotoluene	0.210	U	0.330	0.210	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Di-n-octyl phthalate	0.214	U	0.330	0.214	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Fluoranthene	0.211	U	0.330	0.211	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Fluorene	0.203	U	0.330	0.203	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Hexachlorobenzene	0.208	U	0.330	0.208	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Hexachlorocyclopentadiene	0.0223	U	0.330	0.0223	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Hexachloroethane	0.0299	U	0.330	0.0299	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Hexachlorobutadiene	0.0339	U	0.330	0.0339	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Indeno[1,2,3-cd]pyrene	0.181	U	0.330	0.181	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Isophorone	0.194	U	0.330	0.194	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Methylnaphthalene	0.189	U	0.330	0.189	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Naphthalene	0.0193	U	0.330	0.0193	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Nitroaniline	0.195	U	1.60	0.195	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
3-Nitroaniline	0.212	U	1.60	0.212	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4-Nitroaniline	0.180	U	1.60	0.180	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Nitrobenzene	0.0474	U	0.330	0.0474	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
N-Nitrosodimethylamine	0.0955	U	0.330	0.0955	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
N-Nitrosodiphenylamine	0.0315	U	0.330	0.0315	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
N-Nitrosodi-n-propylamine	0.0286	U	0.330	0.0286	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Phenanthrene	0.203	U	0.330	0.203	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Pyrene	0.221	U	0.330	0.221	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
1,2,4-Trichlorobenzene	0.211	U	0.330	0.211	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Benzyl alcohol	0.0624	U	0.330	0.0624	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4-Chloro-3-methylphenol	0.192	U	0.330	0.192	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Chlorophenol	0.0233	U	0.330	0.0233	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Methylphenol	0.0379	U	0.330	0.0379	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
3 & 4 Methylphenol	0.0301	U	0.660	0.0301	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4-Dichlorophenol	0.183	U	0.330	0.183	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4-Dimethylphenol	0.0636	U	0.330	0.0636	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
4,6-Dinitro-2-methylphenol	0.207	U	1.60	0.207	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4-Dinitrophenol	0.128	U	1.60	0.128	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2-Nitrophenol	0.180	U	0.330	0.180	mg/Kg		12/15/14 08:29	12/15/14 19:13	1

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

Lab Sample ID: MB 600-151624/1-A
Matrix: Solid
Analysis Batch: 151667

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	0.180	U	1.60	0.180	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Pentachlorophenol	0.0221	U	1.60	0.0221	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
Phenol	0.0374	U	0.330	0.0374	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4,5-Trichlorophenol	0.0621	U	0.330	0.0621	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
2,4,6-Trichlorophenol	0.180	U	0.330	0.180	mg/Kg		12/15/14 08:29	12/15/14 19:13	1
bis (2-Chloroisopropyl) ether	0.0346	U	0.330	0.0346	mg/Kg		12/15/14 08:29	12/15/14 19:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*64*		*10 - 150*	*12/15/14 08:29*	*12/15/14 19:13*	*1*
2-Fluorophenol	*57*		*25 - 132*	*12/15/14 08:29*	*12/15/14 19:13*	*1*
2-Fluorobiphenyl	*59*		*38 - 130*	*12/15/14 08:29*	*12/15/14 19:13*	*1*
2,4,6-Tribromophenol	*55*		*10 - 148*	*12/15/14 08:29*	*12/15/14 19:13*	*1*
Terphenyl-d14	*92*		*53 - 134*	*12/15/14 08:29*	*12/15/14 19:13*	*1*
Phenol-d5 (Surr)	*56*		*27 - 123*	*12/15/14 08:29*	*12/15/14 19:13*	*1*

Lab Sample ID: LCS 600-151624/2-A
Matrix: Solid
Analysis Batch: 151667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.330		mg/Kg		70	58 - 130
Acenaphthylene	3.33	2.319		mg/Kg		70	56 - 130
Anthracene	3.33	2.442		mg/Kg		73	58 - 130
Benzidine	16.7	5.801		mg/Kg		35	10 - 135
Benzo[a]anthracene	3.33	2.792		mg/Kg		84	49 - 130
Benzo[b]fluoranthene	3.33	2.742		mg/Kg		82	58 - 130
Benzo[k]fluoranthene	3.33	2.722		mg/Kg		82	56 - 130
Benzo[g,h,i]perylene	3.33	2.415		mg/Kg		72	49 - 135
Benzo[a]pyrene	3.33	2.885		mg/Kg		87	58 - 130
Bis(2-chloroethoxy)methane	3.33	2.298		mg/Kg		69	49 - 130
Bis(2-chloroethyl)ether	3.33	2.252		mg/Kg		68	44 - 130
Bis(2-ethylhexyl) phthalate	3.33	2.568		mg/Kg		77	47 - 133
4-Bromophenyl phenyl ether	3.33	2.639		mg/Kg		79	56 - 130
Butyl benzyl phthalate	3.33	2.691		mg/Kg		81	43 - 135
4-Chloroaniline	3.33	2.115		mg/Kg		63	42 - 130
2-Chloronaphthalene	3.33	2.227		mg/Kg		67	51 - 130
4-Chlorophenyl phenyl ether	3.33	2.657		mg/Kg		80	57 - 130
Carbazole	3.33	2.541		mg/Kg		76	47 - 131
Chrysene	3.33	2.711		mg/Kg		81	50 - 130
Di-n-butyl phthalate	3.33	2.664		mg/Kg		80	54 - 130
Dibenz(a,h)anthracene	3.33	2.505		mg/Kg		75	48 - 130
Dibenzofuran	3.33	2.450		mg/Kg		74	58 - 130
1,2-Dichlorobenzene	3.33	2.170		mg/Kg		65	44 - 130
1,3-Dichlorobenzene	3.33	2.100		mg/Kg		63	43 - 130
1,4-Dichlorobenzene	3.33	2.122		mg/Kg		64	46 - 130
3,3'-Dichlorobenzidine	3.33	2.163		mg/Kg		65	41 - 130
Diethyl phthalate	3.33	2.677		mg/Kg		80	55 - 130
Dimethyl phthalate	3.33	2.555		mg/Kg		77	58 - 130

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

Lab Sample ID: LCS 600-151624/2-A
Matrix: Solid
Analysis Batch: 151667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	3.33	2.665		mg/Kg		80	53 - 130
2,6-Dinitrotoluene	3.33	2.577		mg/Kg		77	53 - 130
Di-n-octyl phthalate	3.33	2.448		mg/Kg		73	45 - 135
Fluoranthene	3.33	2.776		mg/Kg		83	56 - 130
Fluorene	3.33	2.459		mg/Kg		74	52 - 147
Hexachlorobenzene	3.33	2.595		mg/Kg		78	59 - 130
Hexachlorocyclopentadiene	3.33	1.752		mg/Kg		53	33 - 130
Hexachloroethane	3.33	2.203		mg/Kg		66	36 - 130
Hexachlorobutadiene	3.33	2.522		mg/Kg		76	49 - 130
Indeno[1,2,3-cd]pyrene	3.33	2.301		mg/Kg		69	41 - 130
Isophorone	3.33	2.405		mg/Kg		72	49 - 130
2-Methylnaphthalene	3.33	2.275		mg/Kg		68	54 - 130
Naphthalene	3.33	2.215		mg/Kg		66	49 - 130
2-Nitroaniline	3.33	2.711		mg/Kg		81	49 - 149
3-Nitroaniline	3.33	2.467		mg/Kg		74	45 - 133
4-Nitroaniline	3.33	3.094		mg/Kg		93	48 - 139
Nitrobenzene	3.33	2.440		mg/Kg		73	47 - 130
N-Nitrosodimethylamine	3.33	2.143		mg/Kg		64	29 - 130
N-Nitrosodiphenylamine	3.33	2.688		mg/Kg		81	47 - 130
N-Nitrosodi-n-propylamine	3.33	2.408		mg/Kg		72	43 - 130
Phenanthrene	3.33	2.514		mg/Kg		75	58 - 130
Pyrene	3.33	2.695		mg/Kg		81	48 - 131
1,2,4-Trichlorobenzene	3.33	2.331		mg/Kg		70	45 - 130
Benzyl alcohol	3.33	1.844		mg/Kg		55	25 - 141
4-Chloro-3-methylphenol	3.33	2.596		mg/Kg		78	54 - 130
2-Chlorophenol	3.33	2.184		mg/Kg		66	48 - 130
2-Methylphenol	3.33	2.315		mg/Kg		69	46 - 130
3 & 4 Methylphenol	3.33	2.233		mg/Kg		67	44 - 130
2,4-Dichlorophenol	3.33	2.334		mg/Kg		70	56 - 130
2,4-Dimethylphenol	3.33	2.505		mg/Kg		75	46 - 130
4,6-Dinitro-2-methylphenol	6.67	5.488		mg/Kg		82	45 - 130
2,4-Dinitrophenol	6.67	4.849		mg/Kg		73	25 - 130
2-Nitrophenol	3.33	2.240		mg/Kg		67	50 - 130
4-Nitrophenol	6.67	5.366		mg/Kg		80	20 - 132
Pentachlorophenol	6.67	4.590		mg/Kg		69	34 - 130
Phenol	3.33	2.223		mg/Kg		67	33 - 130
2,4,5-Trichlorophenol	3.33	2.765		mg/Kg		83	59 - 136
2,4,6-Trichlorophenol	3.33	2.381		mg/Kg		71	59 - 134
bis (2-Chloroisopropyl) ether	3.33	2.543		mg/Kg		76	39 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*69*		*10 - 150*
2-Fluorophenol	*63*		*25 - 132*
2-Fluorobiphenyl	*65*		*38 - 130*
2,4,6-Tribromophenol	*71*		*10 - 148*
Terphenyl-d14	*89*		*53 - 134*
Phenol-d5 (Surr)	*65*		*27 - 123*

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

Lab Sample ID: 600-103547-3 MS
Matrix: Solid
Analysis Batch: 151704

Client Sample ID: OT 25474
Prep Type: Total/NA
Prep Batch: 151624

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.88	U	3.32	2.036	J	mg/Kg		61	58 - 130
Acenaphthylene	1.92	U	3.32	1.937	J	mg/Kg		58	56 - 130
Anthracene	2.06	U	3.32	2.450	J	mg/Kg		74	58 - 130
Benzidine	0.0898	U	16.6	0.0898	U F1	mg/Kg		0	10 - 135
Benzo[a]anthracene	2.06	U	3.32	2.796	J	mg/Kg		84	49 - 130
Benzo[b]fluoranthene	0.193	U	3.32	2.606	J	mg/Kg		79	58 - 130
Benzo[k]fluoranthene	0.293	U	3.32	2.876	J	mg/Kg		87	56 - 130
Benzo[g,h,i]perylene	1.74	U	3.32	2.323	J	mg/Kg		70	49 - 135
Benzo[a]pyrene	1.84	U	3.32	2.766	J	mg/Kg		83	58 - 130
Bis(2-chloroethoxy)methane	1.85	U	3.32	1.85	U F1	mg/Kg		0	49 - 130
Bis(2-chloroethyl)ether	0.328	U	3.32	1.599	J	mg/Kg		48	44 - 130
Bis(2-ethylhexyl) phthalate	1.99	U	3.32	3.472		mg/Kg		105	47 - 133
4-Bromophenyl phenyl ether	1.99	U	3.32	2.424	J	mg/Kg		73	56 - 130
Butyl benzyl phthalate	2.00	U	3.32	2.439	J	mg/Kg		73	43 - 135
4-Chloroaniline	0.657	U	3.32	1.665	J	mg/Kg		50	42 - 130
2-Chloronaphthalene	2.14	U	3.32	2.14	U F1	mg/Kg		0	51 - 130
4-Chlorophenyl phenyl ether	1.98	U	3.32	2.481	J	mg/Kg		75	57 - 130
Carbazole	2.03	U	3.32	2.498	J	mg/Kg		75	47 - 131
Chrysene	2.01	U	3.32	2.736	J	mg/Kg		82	50 - 130
Di-n-butyl phthalate	2.12	U	3.32	3.171	J	mg/Kg		96	54 - 130
Dibenz(a,h)anthracene	1.89	U	3.32	2.160	J	mg/Kg		65	48 - 130
Dibenzofuran	1.96	U	3.32	2.164	J	mg/Kg		65	58 - 130
1,2-Dichlorobenzene	0.262	U	3.32	1.495	J	mg/Kg		45	44 - 130
1,3-Dichlorobenzene	1.77	U	3.32	1.77	U F1	mg/Kg		0	43 - 130
1,4-Dichlorobenzene	0.230	U	3.32	1.403	J F1	mg/Kg		42	46 - 130
3,3'-Dichlorobenzidine	0.633	U	3.32	1.605	J	mg/Kg		48	41 - 130
Diethyl phthalate	2.03	U	3.32	2.406	J	mg/Kg		72	55 - 130
Dimethyl phthalate	1.99	U	3.32	2.282	J	mg/Kg		69	58 - 130
2,4-Dinitrotoluene	0.328	U	3.32	2.436	J	mg/Kg		73	53 - 130
2,6-Dinitrotoluene	2.09	U	3.32	2.366	J	mg/Kg		71	53 - 130
Di-n-octyl phthalate	2.13	U	3.32	2.352	J	mg/Kg		71	45 - 135
Fluoranthene	2.10	U	3.32	2.891	J	mg/Kg		87	56 - 130
Fluorene	2.02	U	3.32	2.269	J	mg/Kg		68	52 - 147
Hexachlorobenzene	2.07	U	3.32	2.338	J	mg/Kg		70	59 - 130
Hexachlorocyclopentadiene	0.222	U	3.32	0.222	U F1	mg/Kg		0	33 - 130
Hexachloroethane	0.298	U	3.32	1.496	J	mg/Kg		45	36 - 130
Hexachlorobutadiene	0.338	U	3.32	1.705	J	mg/Kg		51	49 - 130
Indeno[1,2,3-cd]pyrene	1.80	U	3.32	2.102	J	mg/Kg		63	41 - 130
Isophorone	1.93	U	3.32	1.93	U F1	mg/Kg		0	49 - 130
2-Methylnaphthalene	1.88	U	3.32	1.88	U F1	mg/Kg		0	54 - 130
Naphthalene	0.192	U	3.32	1.614	J	mg/Kg		49	49 - 130
2-Nitroaniline	1.94	U	3.32	2.596	J	mg/Kg		78	49 - 149
3-Nitroaniline	2.11	U	3.32	2.310	J	mg/Kg		70	45 - 133
4-Nitroaniline	1.80	U	3.32	3.064	J	mg/Kg		92	48 - 139
Nitrobenzene	0.472	U	3.32	1.748	J	mg/Kg		53	47 - 130
N-Nitrosodimethylamine	0.950	U	3.32	1.247	J	mg/Kg		38	29 - 130
N-Nitrosodiphenylamine	0.314	U	3.32	2.610	J	mg/Kg		79	47 - 130
N-Nitrosodi-n-propylamine	0.285	U	3.32	1.811	J	mg/Kg		55	43 - 130

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

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151704 — **Prep Batch: 151624**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenanthrene	2.02	U	3.32	2.527	J	mg/Kg		76	58 - 130
Pyrene	2.20	U	3.32	2.725	J	mg/Kg		82	48 - 131
1,2,4-Trichlorobenzene	2.10	U	3.32	2.10	U F1	mg/Kg		0	45 - 130
Benzyl alcohol	0.621	U	3.32	0.621	U F1	mg/Kg		0	25 - 141
4-Chloro-3-methylphenol	1.91	U	3.32	2.342	J	mg/Kg		71	54 - 130
2-Chlorophenol	0.232	U	3.32	1.450	J F1	mg/Kg		44	48 - 130
2-Methylphenol	0.377	U	3.32	1.475	J F1	mg/Kg		44	46 - 130
3 & 4 Methylphenol	0.299	U	3.32	1.891	J	mg/Kg		57	44 - 130
2,4-Dichlorophenol	1.82	U	3.32	1.863	J	mg/Kg		56	56 - 130
2,4-Dimethylphenol	0.633	U	3.32	2.394	J	mg/Kg		72	46 - 130
4,6-Dinitro-2-methylphenol	2.06	U	6.64	2.168	J F1	mg/Kg		33	45 - 130
2,4-Dinitrophenol	1.27	U	6.64	4.491	J	mg/Kg		68	25 - 130
2-Nitrophenol	1.79	U	3.32	1.79	U F1	mg/Kg		0	50 - 130
4-Nitrophenol	1.79	U	6.64	4.996	J	mg/Kg		75	20 - 132
Pentachlorophenol	0.220	U	6.64	7.502	J	mg/Kg		113	34 - 130
Phenol	0.372	U	3.32	1.471	J	mg/Kg		44	33 - 130
2,4,5-Trichlorophenol	0.618	U	3.32	2.754	J	mg/Kg		83	59 - 136
2,4,6-Trichlorophenol	1.79	U	3.32	2.361	J	mg/Kg		71	59 - 134
bis (2-Chloroisopropyl) ether	0.345	U	3.32	1.839	J	mg/Kg		55	39 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*51*		*10 - 150*
2-Fluorophenol	*40*		*25 - 132*
2-Fluorobiphenyl	*53*		*38 - 130*
2,4,6-Tribromophenol	*60*		*10 - 148*
Terphenyl-d14	*83*		*53 - 134*
Phenol-d5 (Surr)	*44*		*27 - 123*

Lab Sample ID: 600-103547-3 MSD — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151704 — **Prep Batch: 151624**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	1.88	U	3.32	2.006	J	mg/Kg		60	58 - 130	2	30
Acenaphthylene	1.92	U	3.32	1.941	J	mg/Kg		58	56 - 130	0	30
Anthracene	2.06	U	3.32	2.560	J	mg/Kg		77	58 - 130	4	30
Benzidine	0.0898	U	16.6	0.0900	U F1	mg/Kg		0	10 - 135	NC	30
Benzo[a]anthracene	2.06	U	3.32	3.036	J	mg/Kg		91	49 - 130	8	30
Benzo[b]fluoranthene	0.193	U	3.32	2.820	J	mg/Kg		85	58 - 130	8	30
Benzo[k]fluoranthene	0.293	U	3.32	3.048	J	mg/Kg		92	56 - 130	6	30
Benzo[g,h,i]perylene	1.74	U	3.32	2.445	J	mg/Kg		74	49 - 135	5	30
Benzo[a]pyrene	1.84	U	3.32	2.982	J	mg/Kg		90	58 - 130	8	30
Bis(2-chloroethoxy)methane	1.85	U	3.32	1.86	U F1	mg/Kg		0	49 - 130	NC	30
Bis(2-chloroethyl)ether	0.328	U	3.32	1.601	J	mg/Kg		48	44 - 130	0	30
Bis(2-ethylhexyl) phthalate	1.99	U	3.32	3.453		mg/Kg		104	47 - 133	1	30
4-Bromophenyl phenyl ether	1.99	U	3.32	2.656	J	mg/Kg		80	56 - 130	9	30
Butyl benzyl phthalate	2.00	U	3.32	2.700	J	mg/Kg		81	43 - 135	10	30
4-Chloroaniline	0.657	U	3.32	1.599	J	mg/Kg		48	42 - 130	4	30

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

Lab Sample ID: 600-103547-3 MSD | **Client Sample ID: OT 25474**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 151704 | **Prep Batch: 151624**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chloronaphthalene	2.14	U	3.32	2.14	U F1	mg/Kg		0	51 - 130	NC	30
4-Chlorophenyl phenyl ether	1.98	U	3.32	2.527	J	mg/Kg		76	57 - 130	2	30
Carbazole	2.03	U	3.32	2.693	J	mg/Kg		81	47 - 131	8	30
Chrysene	2.01	U	3.32	3.038	J	mg/Kg		91	50 - 130	10	30
Di-n-butyl phthalate	2.12	U	3.32	3.570		mg/Kg		107	54 - 130	12	30
Dibenz(a,h)anthracene	1.89	U	3.32	2.291	J	mg/Kg		69	48 - 130	6	30
Dibenzofuran	1.96	U	3.32	2.175	J	mg/Kg		65	58 - 130	1	30
1,2-Dichlorobenzene	0.262	U	3.32	1.353	J F1	mg/Kg		41	44 - 130	10	30
1,3-Dichlorobenzene	1.77	U	3.32	1.78	U F1	mg/Kg		0	43 - 130	NC	30
1,4-Dichlorobenzene	0.230	U	3.32	1.376	J F1	mg/Kg		41	46 - 130	2	30
3,3'-Dichlorobenzidine	0.633	U	3.32	1.789	J	mg/Kg		54	41 - 130	11	30
Diethyl phthalate	2.03	U	3.32	2.550	J	mg/Kg		77	55 - 130	6	30
Dimethyl phthalate	1.99	U	3.32	2.235	J	mg/Kg		67	58 - 130	2	30
2,4-Dinitrotoluene	0.328	U	3.32	2.597	J	mg/Kg		78	53 - 130	6	30
2,6-Dinitrotoluene	2.09	U	3.32	2.381	J	mg/Kg		72	53 - 130	1	30
Di-n-octyl phthalate	2.13	U	3.32	2.560	J	mg/Kg		77	45 - 135	8	30
Fluoranthene	2.10	U	3.32	3.084	J	mg/Kg		93	56 - 130	6	30
Fluorene	2.02	U	3.32	2.219	J	mg/Kg		67	52 - 147	2	30
Hexachlorobenzene	2.07	U	3.32	2.481	J	mg/Kg		75	59 - 130	6	30
Hexachlorocyclopentadiene	0.222	U	3.32	0.222	U F1	mg/Kg		0	33 - 130	NC	30
Hexachloroethane	0.298	U	3.32	1.444	J	mg/Kg		43	36 - 130	4	30
Hexachlorobutadiene	0.338	U	3.32	1.640	J	mg/Kg		49	49 - 130	4	30
Indeno[1,2,3-cd]pyrene	1.80	U	3.32	2.250	J	mg/Kg		68	41 - 130	7	30
Isophorone	1.93	U	3.32	1.93	U F1	mg/Kg		0	49 - 130	NC	30
2-Methylnaphthalene	1.88	U	3.32	1.89	U F1	mg/Kg		0	54 - 130	NC	30
Naphthalene	0.192	U	3.32	1.571	J F1	mg/Kg		47	49 - 130	3	30
2-Nitroaniline	1.94	U	3.32	2.659	J	mg/Kg		80	49 - 149	2	30
3-Nitroaniline	2.11	U	3.32	2.810	J	mg/Kg		85	45 - 133	20	30
4-Nitroaniline	1.80	U	3.32	2.589	J	mg/Kg		78	48 - 139	17	30
Nitrobenzene	0.472	U	3.32	1.751	J	mg/Kg		53	47 - 130	0	30
N-Nitrosodimethylamine	0.950	U	3.32	1.216	J	mg/Kg		37	29 - 130	3	30
N-Nitrosodiphenylamine	0.314	U	3.32	2.784	J	mg/Kg		84	47 - 130	6	30
N-Nitrosodi-n-propylamine	0.285	U	3.32	1.788	J	mg/Kg		54	43 - 130	1	30
Phenanthrene	2.02	U	3.32	2.722	J	mg/Kg		82	58 - 130	7	30
Pyrene	2.20	U	3.32	2.871	J	mg/Kg		86	48 - 131	5	30
1,2,4-Trichlorobenzene	2.10	U	3.32	2.10	U F1	mg/Kg		0	45 - 130	NC	30
Benzyl alcohol	0.621	U	3.32	0.622	U F1	mg/Kg		0	25 - 141	NC	30
4-Chloro-3-methylphenol	1.91	U	3.32	2.540	J	mg/Kg		76	54 - 130	8	30
2-Chlorophenol	0.232	U	3.32	1.379	J F1	mg/Kg		41	48 - 130	5	30
2-Methylphenol	0.377	U	3.32	1.509	J F1	mg/Kg		45	46 - 130	2	30
3 & 4 Methylphenol	0.299	U	3.32	1.991	J	mg/Kg		60	44 - 130	5	30
2,4-Dichlorophenol	1.82	U	3.32	1.831	J F1	mg/Kg		55	56 - 130	2	30
2,4-Dimethylphenol	0.633	U	3.32	2.199	J	mg/Kg		66	46 - 130	8	30
4,6-Dinitro-2-methylphenol	2.06	U	6.65	2.322	J F1	mg/Kg		35	45 - 130	7	30
2,4-Dinitrophenol	1.27	U	6.65	4.462	J	mg/Kg		67	25 - 130	1	30
2-Nitrophenol	1.79	U	3.32	1.79	U F1	mg/Kg		0	50 - 130	NC	30
4-Nitrophenol	1.79	U	6.65	5.324	J	mg/Kg		80	20 - 132	6	30
Pentachlorophenol	0.220	U	6.65	7.339	J	mg/Kg		110	34 - 130	2	30

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

Lab Sample ID: 600-103547-3 MSD — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151704 — **Prep Batch: 151624**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	0.372	U	3.32	1.810	J	mg/Kg		54	33 - 130	21	30
2,4,5-Trichlorophenol	0.618	U	3.32	2.810	J	mg/Kg		85	59 - 136	2	30
2,4,6-Trichlorophenol	1.79	U	3.32	2.439	J	mg/Kg		73	59 - 134	3	30
bis (2-Chloroisopropyl) ether	0.345	U	3.32	1.748	J	mg/Kg		53	39 - 130	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*51*		*10 - 150*
2-Fluorophenol	*40*		*25 - 132*
2-Fluorobiphenyl	*51*		*38 - 130*
2,4,6-Tribromophenol	*67*		*10 - 148*
Terphenyl-d14	*90*		*53 - 134*
Phenol-d5 (Surr)	*43*		*27 - 123*

Lab Sample ID: MB 600-151635/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151660 — **Prep Batch: 151635**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.00216	U	0.0100	0.00216	mg/L		12/15/14 09:19	12/15/14 15:40	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		12/15/14 09:19	12/15/14 15:40	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		12/15/14 09:19	12/15/14 15:40	1
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		12/15/14 09:19	12/15/14 15:40	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		12/15/14 09:19	12/15/14 15:40	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		12/15/14 09:19	12/15/14 15:40	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		12/15/14 09:19	12/15/14 15:40	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		12/15/14 09:19	12/15/14 15:40	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		12/15/14 09:19	12/15/14 15:40	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		12/15/14 09:19	12/15/14 15:40	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		12/15/14 09:19	12/15/14 15:40	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		12/15/14 09:19	12/15/14 15:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*84*		*35 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
2-Fluorophenol	*42*		*10 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
2-Fluorobiphenyl	*70*		*41 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
2,4,6-Tribromophenol	*74*		*12 - 138*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
Terphenyl-d14	*91*		*43 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
Phenol-d5	*26*		*10 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*
Phenol-d5 (Surr)	*26*		*10 - 130*	*12/15/14 09:19*	*12/15/14 15:40*	*1*

Lab Sample ID: LCS 600-151635/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151660 — **Prep Batch: 151635**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0500	0.01312		mg/L		26	10 - 130
1,4-Dichlorobenzene	0.0500	0.03619		mg/L		72	57 - 130
2,4-Dinitrotoluene	0.0500	0.04446		mg/L		89	60 - 130

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

Lab Sample ID: LCS 600-151635/2-A
Matrix: Solid
Analysis Batch: 151660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	0.0500	0.04365		mg/L		87	61 - 130
Hexachloroethane	0.0500	0.03519		mg/L		70	52 - 130
Hexachlorobutadiene	0.0500	0.03429		mg/L		69	52 - 130
Nitrobenzene	0.0500	0.04425		mg/L		88	55 - 130
2-Methylphenol	0.0500	0.03433		mg/L		69	39 - 130
3 & 4 Methylphenol	0.0500	0.02950		mg/L		59	29 - 130
Pentachlorophenol	0.100	0.08387		mg/L		84	29 - 141
2,4,5-Trichlorophenol	0.0500	0.04333		mg/L		87	51 - 130
2,4,6-Trichlorophenol	0.0500	0.04109		mg/L		82	49 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*90*		*35 - 130*
2-Fluorophenol	*44*		*10 - 130*
2-Fluorobiphenyl	*80*		*41 - 130*
2,4,6-Tribromophenol	*95*		*12 - 138*
Terphenyl-d14	*104*		*43 - 130*
Phenol-d5	*27*		*10 - 130*
Phenol-d5 (Surr)	*27*		*10 - 130*

Lab Sample ID: MB 600-151742/1-A
Matrix: Waste
Analysis Batch: 151858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.67	U	9.90	5.67	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Acenaphthylene	5.78	U	9.90	5.78	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Anthracene	6.22	U	9.90	6.22	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzidine	0.271	U	48.0	0.271	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzo[a]anthracene	6.22	U	9.90	6.22	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzo[b]fluoranthene	0.580	U	9.90	0.580	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzo[k]fluoranthene	0.882	U	9.90	0.882	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzo[g,h,i]perylene	5.26	U	9.90	5.26	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzo[a]pyrene	5.55	U	9.90	5.55	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Bis(2-chloroethoxy)methane	5.59	U	9.90	5.59	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Bis(2-chloroethyl)ether	0.989	U	9.90	0.989	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Bis(2-ethylhexyl) phthalate	6.00	U	9.90	6.00	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Bromophenyl phenyl ether	6.00	U	9.90	6.00	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Butyl benzyl phthalate	6.02	U	9.90	6.02	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Chloroaniline	1.98	U	9.90	1.98	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Chloronaphthalene	6.44	U	9.90	6.44	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Chlorophenyl phenyl ether	5.95	U	9.90	5.95	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Carbazole	6.11	U	9.90	6.11	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Chrysene	6.05	U	9.90	6.05	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Di-n-butyl phthalate	6.39	U	9.90	6.39	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Dibenz(a,h)anthracene	5.69	U	9.90	5.69	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Dibenzofuran	5.90	U	9.90	5.90	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
1,2-Dichlorobenzene	0.789	U	9.90	0.789	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
1,3-Dichlorobenzene	5.34	U	9.90	5.34	mg/Kg		12/16/14 10:47	12/17/14 16:51	1

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

Lab Sample ID: MB 600-151742/1-A
Matrix: Waste
Analysis Batch: 151858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.692	U	9.90	0.692	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
3,3'-Dichlorobenzidine	1.91	U	19.8	1.91	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Diethyl phthalate	6.12	U	9.90	6.12	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Dimethyl phthalate	5.99	U	9.90	5.99	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4-Dinitrotoluene	0.987	U	9.90	0.987	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,6-Dinitrotoluene	6.29	U	9.90	6.29	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Di-n-octyl phthalate	6.41	U	9.90	6.41	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Fluoranthene	6.32	U	9.90	6.32	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Fluorene	6.10	U	9.90	6.10	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Hexachlorobenzene	6.24	U	9.90	6.24	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Hexachlorocyclopentadiene	0.668	U	9.90	0.668	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Hexachloroethane	0.897	U	9.90	0.897	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Hexachlorobutadiene	1.02	U	9.90	1.02	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Indeno[1,2,3-cd]pyrene	5.43	U	9.90	5.43	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Isophorone	5.82	U	9.90	5.82	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Methylnaphthalene	5.67	U	9.90	5.67	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Naphthalene	0.579	U	9.90	0.579	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Nitroaniline	5.84	U	48.0	5.84	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
3-Nitroaniline	6.35	U	48.0	6.35	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Nitroaniline	5.41	U	48.0	5.41	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Nitrobenzene	1.42	U	9.90	1.42	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
N-Nitrosodimethylamine	2.86	U	9.90	2.86	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
N-Nitrosodiphenylamine	0.946	U	9.90	0.946	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
N-Nitrosodi-n-propylamine	0.858	U	9.90	0.858	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Phenanthrene	6.09	U	9.90	6.09	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Pyrene	6.63	U	9.90	6.63	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
1,2,4-Trichlorobenzene	6.32	U	9.90	6.32	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Benzyl alcohol	1.87	U	9.90	1.87	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Chloro-3-methylphenol	5.76	U	9.90	5.76	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Chlorophenol	0.699	U	9.90	0.699	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Methylphenol	1.14	U	9.90	1.14	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
3 & 4 Methylphenol	0.902	U	19.8	0.902	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4-Dichlorophenol	5.48	U	9.90	5.48	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4-Dimethylphenol	1.91	U	9.90	1.91	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4,6-Dinitro-2-methylphenol	6.20	U	48.0	6.20	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4-Dinitrophenol	3.84	U	48.0	3.84	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2-Nitrophenol	5.40	U	9.90	5.40	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
4-Nitrophenol	5.40	U	48.0	5.40	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Pentachlorophenol	0.664	U	48.0	0.664	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
Phenol	1.12	U	9.90	1.12	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4,5-Trichlorophenol	1.86	U	9.90	1.86	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
2,4,6-Trichlorophenol	5.40	U	9.90	5.40	mg/Kg		12/16/14 10:47	12/17/14 16:51	1
bis (2-Chloroisopropyl) ether	1.04	U	9.90	1.04	mg/Kg		12/16/14 10:47	12/17/14 16:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*91*		*46 - 130*	*12/16/14 10:47*	*12/17/14 16:51*	*1*
2-Fluorophenol	*85*		*45 - 130*	*12/16/14 10:47*	*12/17/14 16:51*	*1*
2-Fluorobiphenyl	*85*		*42 - 130*	*12/16/14 10:47*	*12/17/14 16:51*	*1*

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

Lab Sample ID: MB 600-151742/1-A
Matrix: Waste
Analysis Batch: 151858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151742

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		25 - 130	12/16/14 10:47	12/17/14 16:51	1
Terphenyl-d14	91		51 - 130	12/16/14 10:47	12/17/14 16:51	1
Phenol-d5 (Surr)	83		48 - 130	12/16/14 10:47	12/17/14 16:51	1

Lab Sample ID: LCS 600-151742/2-A
Matrix: Waste
Analysis Batch: 151858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	41.12		mg/Kg		82	60 - 130
Acenaphthylene	50.0	41.41		mg/Kg		83	61 - 130
Anthracene	50.0	41.53		mg/Kg		83	69 - 130
Benzidine	250	162.0		mg/Kg		65	10 - 150
Benzo[a]anthracene	50.0	43.78		mg/Kg		88	70 - 130
Benzo[b]fluoranthene	50.0	44.50		mg/Kg		89	61 - 130
Benzo[k]fluoranthene	50.0	48.22		mg/Kg		96	70 - 130
Benzo[g,h,i]perylene	50.0	32.18		mg/Kg		64	56 - 130
Benzo[a]pyrene	50.0	45.88		mg/Kg		92	70 - 130
Bis(2-chloroethoxy)methane	50.0	43.56		mg/Kg		87	58 - 130
Bis(2-chloroethyl)ether	50.0	46.04		mg/Kg		92	53 - 130
Bis(2-ethylhexyl) phthalate	50.0	40.59		mg/Kg		81	57 - 130
4-Bromophenyl phenyl ether	50.0	44.57		mg/Kg		89	66 - 130
Butyl benzyl phthalate	50.0	42.27		mg/Kg		85	57 - 130
4-Chloroaniline	50.0	41.73		mg/Kg		83	63 - 130
2-Chloronaphthalene	50.0	41.50		mg/Kg		83	60 - 130
4-Chlorophenyl phenyl ether	50.0	45.98		mg/Kg		92	67 - 130
Carbazole	50.0	41.42		mg/Kg		83	61 - 130
Chrysene	50.0	41.22		mg/Kg		82	67 - 130
Di-n-butyl phthalate	50.0	42.47		mg/Kg		85	61 - 130
Dibenz(a,h)anthracene	50.0	33.29		mg/Kg		67	60 - 130
Dibenzofuran	50.0	42.91		mg/Kg		86	66 - 130
1,2-Dichlorobenzene	50.0	42.24		mg/Kg		84	59 - 130
1,3-Dichlorobenzene	50.0	41.53		mg/Kg		83	58 - 130
1,4-Dichlorobenzene	50.0	41.62		mg/Kg		83	59 - 130
3,3'-Dichlorobenzidine	50.0	43.40		mg/Kg		87	64 - 130
Diethyl phthalate	50.0	43.87		mg/Kg		88	62 - 130
Dimethyl phthalate	50.0	42.53		mg/Kg		85	66 - 130
2,4-Dinitrotoluene	50.0	44.50		mg/Kg		89	66 - 130
2,6-Dinitrotoluene	50.0	43.04		mg/Kg		86	65 - 130
Di-n-octyl phthalate	50.0	37.88		mg/Kg		76	58 - 130
Fluoranthene	50.0	45.12		mg/Kg		90	68 - 130
Fluorene	50.0	41.77		mg/Kg		84	67 - 130
Hexachlorobenzene	50.0	42.13		mg/Kg		84	64 - 130
Hexachlorocyclopentadiene	50.0	28.93		mg/Kg		58	10 - 130
Hexachloroethane	50.0	43.75		mg/Kg		87	49 - 130
Hexachlorobutadiene	50.0	48.50		mg/Kg		97	52 - 130
Indeno[1,2,3-cd]pyrene	50.0	27.50		mg/Kg		55	49 - 130
Isophorone	50.0	44.15		mg/Kg		88	57 - 130

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

Lab Sample ID: LCS 600-151742/2-A
Matrix: Waste
Analysis Batch: 151858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	50.0	43.25		mg/Kg		86	66 - 130
Naphthalene	50.0	42.41		mg/Kg		85	63 - 130
2-Nitroaniline	50.0	45.07	J	mg/Kg		90	56 - 132
3-Nitroaniline	50.0	44.85	J	mg/Kg		90	65 - 130
4-Nitroaniline	50.0	50.63		mg/Kg		101	59 - 133
Nitrobenzene	50.0	46.19		mg/Kg		92	41 - 140
N-Nitrosodimethylamine	50.0	40.86		mg/Kg		82	53 - 139
N-Nitrosodiphenylamine	50.0	44.69		mg/Kg		89	70 - 130
N-Nitrosodi-n-propylamine	50.0	48.57		mg/Kg		97	54 - 142
Phenanthrene	50.0	41.78		mg/Kg		84	68 - 130
Pyrene	50.0	43.81		mg/Kg		88	64 - 130
1,2,4-Trichlorobenzene	50.0	44.68		mg/Kg		89	59 - 130
Benzyl alcohol	50.0	44.56		mg/Kg		89	58 - 130
4-Chloro-3-methylphenol	50.0	46.21		mg/Kg		92	62 - 130
2-Chlorophenol	50.0	43.41		mg/Kg		87	60 - 130
2-Methylphenol	50.0	44.15		mg/Kg		88	64 - 130
3 & 4 Methylphenol	50.0	43.20		mg/Kg		86	65 - 130
2,4-Dichlorophenol	50.0	44.04		mg/Kg		88	66 - 130
2,4-Dimethylphenol	50.0	48.44		mg/Kg		97	56 - 130
4,6-Dinitro-2-methylphenol	100	92.77		mg/Kg		93	29 - 132
2,4-Dinitrophenol	100	88.48		mg/Kg		88	10 - 147
2-Nitrophenol	50.0	42.85		mg/Kg		86	63 - 130
4-Nitrophenol	100	103.2		mg/Kg		103	23 - 137
Pentachlorophenol	100	91.80		mg/Kg		92	27 - 130
Phenol	50.0	44.37		mg/Kg		89	61 - 130
2,4,5-Trichlorophenol	50.0	47.17		mg/Kg		94	58 - 130
2,4,6-Trichlorophenol	50.0	47.02		mg/Kg		94	60 - 130
bis (2-Chloroisopropyl) ether	50.0	50.27		mg/Kg		101	41 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*92*		*46 - 130*
2-Fluorophenol	*87*		*45 - 130*
2-Fluorobiphenyl	*84*		*42 - 130*
2,4,6-Tribromophenol	*89*		*25 - 130*
Terphenyl-d14	*97*		*51 - 130*
Phenol-d5 (Surr)	*88*		*48 - 130*

Lab Sample ID: LB 600-151605/1-C
Matrix: Solid
Analysis Batch: 151703

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 151635

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		12/15/14 16:10	12/16/14 10:55	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		12/15/14 16:10	12/16/14 10:55	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		12/15/14 16:10	12/16/14 10:55	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		12/15/14 16:10	12/16/14 10:55	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		12/15/14 16:10	12/16/14 10:55	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		12/15/14 16:10	12/16/14 10:55	1

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

Lab Sample ID: LB 600-151605/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		12/15/14 16:10	12/16/14 10:55	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		12/15/14 16:10	12/16/14 10:55	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		12/15/14 16:10	12/16/14 10:55	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		12/15/14 16:10	12/16/14 10:55	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		12/15/14 16:10	12/16/14 10:55	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		12/15/14 16:10	12/16/14 10:55	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*63*		*35 - 130*	*12/15/14 16:10*	*12/16/14 10:55*	*1*
2-Fluorophenol	*53*		*10 - 130*	*12/15/14 16:10*	*12/16/14 10:55*	*1*
2-Fluorobiphenyl	*52*		*41 - 130*	*12/15/14 16:10*	*12/16/14 10:55*	*1*
2,4,6-Tribromophenol	*54*		*12 - 138*	*12/15/14 16:10*	*12/16/14 10:55*	*1*
Terphenyl-d14	*91*		*43 - 130*	*12/15/14 16:10*	*12/16/14 10:55*	*1*
Phenol-d5	*46*		*10 - 130*	*12/15/14 16:10*	*12/16/14 10:55*	*1*

Lab Sample ID: LB 600-151606/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		12/15/14 16:10	12/16/14 12:36	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		12/15/14 16:10	12/16/14 12:36	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		12/15/14 16:10	12/16/14 12:36	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		12/15/14 16:10	12/16/14 12:36	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		12/15/14 16:10	12/16/14 12:36	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		12/15/14 16:10	12/16/14 12:36	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		12/15/14 16:10	12/16/14 12:36	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		12/15/14 16:10	12/16/14 12:36	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		12/15/14 16:10	12/16/14 12:36	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		12/15/14 16:10	12/16/14 12:36	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		12/15/14 16:10	12/16/14 12:36	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		12/15/14 16:10	12/16/14 12:36	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*69*		*35 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
2-Fluorophenol	*56*		*10 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
2-Fluorobiphenyl	*56*		*41 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
2,4,6-Tribromophenol	*68*		*12 - 138*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
Terphenyl-d14	*97*		*43 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
Phenol-d5	*47*		*10 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*
Phenol-d5 (Surr)	*47*		*10 - 130*	*12/15/14 16:10*	*12/16/14 12:36*	*1*

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0108	U	0.250	0.07368		mg/L		29	10 - 130

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

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.00890	U	0.250	0.1816		mg/L		73	57 - 130
2,4-Dinitrotoluene	0.0132	U	0.250	0.1967		mg/L		79	60 - 130
Hexachlorobenzene	0.0130	U	0.250	0.1871		mg/L		75	61 - 130
Hexachloroethane	0.0110	U	0.250	0.1789		mg/L		72	52 - 130
Hexachlorobutadiene	0.0106	U	0.250	0.1657		mg/L		66	52 - 130
Nitrobenzene	0.0124	U	0.250	0.2252		mg/L		90	55 - 130
2-Methylphenol	0.00905	U	0.250	0.2030		mg/L		81	39 - 130
3 & 4 Methylphenol	0.00940	U	0.250	0.2027		mg/L		81	29 - 130
Pentachlorophenol	0.0231	U	0.500	0.3991		mg/L		80	29 - 141
2,4,5-Trichlorophenol	0.0136	U	0.250	0.1784		mg/L		71	51 - 130
2,4,6-Trichlorophenol	0.0129	U	0.250	0.1892		mg/L		76	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*80*		*35 - 130*
2-Fluorophenol	*66*		*10 - 130*
2-Fluorobiphenyl	*68*		*41 - 130*
2,4,6-Tribromophenol	*78*		*12 - 138*
Terphenyl-d14	*94*		*43 - 130*
Phenol-d5	*55*		*10 - 130*

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0108	U	0.250	0.0108	U F1	mg/L		0	10 - 130
1,4-Dichlorobenzene	0.00890	U	0.250	0.1668		mg/L		67	57 - 130
2,4-Dinitrotoluene	0.0132	U	0.250	0.1985		mg/L		79	60 - 130
Hexachlorobenzene	0.0130	U	0.250	0.1930		mg/L		77	61 - 130
Hexachloroethane	0.0110	U	0.250	0.1621		mg/L		65	52 - 130
Hexachlorobutadiene	0.0106	U	0.250	0.1561		mg/L		62	52 - 130
Nitrobenzene	0.0124	U	0.250	0.1890		mg/L		76	55 - 130
2-Methylphenol	0.00905	U	0.250	0.1984		mg/L		79	39 - 130
3 & 4 Methylphenol	0.00940	U	0.250	0.2005		mg/L		80	29 - 130
Pentachlorophenol	0.0231	U	0.500	0.4159		mg/L		83	29 - 141
2,4,5-Trichlorophenol	0.0136	U	0.250	0.1890		mg/L		76	51 - 130
2,4,6-Trichlorophenol	0.0145	J	0.250	0.2044		mg/L		76	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*72*		*35 - 130*
2-Fluorophenol	*68*		*10 - 130*
2-Fluorobiphenyl	*66*		*41 - 130*
2,4,6-Tribromophenol	*81*		*12 - 138*
Terphenyl-d14	*89*		*43 - 130*
Phenol-d5	*59*		*10 - 130*

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

Lab Sample ID: 600-103547-4 MS — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 151703 — **Prep Batch: 151635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.108	U	0.250	0.1198	J	mg/L		48	10 - 130
1,4-Dichlorobenzene	0.0890	U	0.250	0.1859	J	mg/L		74	57 - 130
2,4-Dinitrotoluene	0.132	U	0.250	0.2343	J	mg/L		94	60 - 130
Hexachlorobenzene	0.130	U	0.250	0.2308	J	mg/L		92	61 - 130
Hexachloroethane	0.110	U	0.250	0.1779	J	mg/L		71	52 - 130
Hexachlorobutadiene	0.106	U	0.250	0.1808	J	mg/L		72	52 - 130
Nitrobenzene	0.124	U	0.250	0.2189	J	mg/L		88	55 - 130
2-Methylphenol	4.50		0.250	4.339	4	mg/L		-64	39 - 130
3 & 4 Methylphenol	3.00		0.250	2.919	4	mg/L		-32	29 - 130
Pentachlorophenol	0.231	U	0.500	0.4455	J	mg/L		89	29 - 141
2,4,5-Trichlorophenol	0.136	U	0.250	0.2130	J	mg/L		85	51 - 130
2,4,6-Trichlorophenol	0.129	U	0.250	0.2289	J	mg/L		92	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*85*		*35 - 130*
2-Fluorophenol	*76*		*10 - 130*
2-Fluorobiphenyl	*82*		*41 - 130*
2,4,6-Tribromophenol	*89*		*12 - 138*
Terphenyl-d14	*110*		*43 - 130*
Phenol-d5 (Surr)	*76*		*10 - 130*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 600-151707/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.0000600	U	0.000100	0.0000600	mg/L		12/16/14 07:46	12/17/14 10:07	1
Endrin	0.00000700	U	0.000100	0.00000700	mg/L		12/16/14 07:46	12/17/14 10:07	1
Heptachlor	0.00000600	U	0.0000500	0.00000600	mg/L		12/16/14 07:46	12/17/14 10:07	1
Heptachlor epoxide	0.00000700	U	0.0000500	0.00000700	mg/L		12/16/14 07:46	12/17/14 10:07	1
gamma-BHC (Lindane)	0.00000600	U	0.0000500	0.00000600	mg/L		12/16/14 07:46	12/17/14 10:07	1
Methoxychlor	0.00000900	U	0.0000500	0.00000900	mg/L		12/16/14 07:46	12/17/14 10:07	1
Toxaphene	0.00244	U	0.00500	0.00244	mg/L		12/16/14 07:46	12/17/14 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*32 - 143*	*12/16/14 07:46*	*12/17/14 10:07*	*1*
DCB Decachlorobiphenyl	*104*		*36 - 144*	*12/16/14 07:46*	*12/17/14 10:07*	*1*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 600-151707/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.000500	0.0005903		mg/L		118	49 - 150
Heptachlor	0.000500	0.0005500		mg/L		110	70 - 150
Heptachlor epoxide	0.000500	0.0005685		mg/L		114	64 - 150
gamma-BHC (Lindane)	0.000500	0.0005615		mg/L		112	70 - 149
Methoxychlor	0.000500	0.0006421		mg/L		128	12 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*32 - 143*
DCB Decachlorobiphenyl	*109*		*36 - 144*

Lab Sample ID: MB 680-363837/21-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 364145 — **Prep Batch: 363837**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.000179	U	0.00169	0.000179	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
4,4'-DDE	0.000179	U	0.00169	0.000179	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
4,4'-DDT	0.000218	U	0.00169	0.000218	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Aldrin	0.000149	U	0.00169	0.000149	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
alpha-BHC	0.000139	U	0.00169	0.000139	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
beta-BHC	0.000328	U	0.00169	0.000328	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Chlordane (n.o.s.)	0.00288	U	0.0169	0.00288	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
delta-BHC	0.000189	U	0.00169	0.000189	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Dieldrin	0.000169	U	0.00169	0.000169	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Endosulfan I	0.000169	U	0.00169	0.000169	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Endosulfan II	0.000149	U	0.00169	0.000149	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Endosulfan sulfate	0.000208	U	0.00169	0.000208	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Endrin	0.000218	U	0.00169	0.000218	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Endrin aldehyde	0.000218	U	0.00169	0.000218	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
gamma-BHC (Lindane)	0.000139	U	0.00169	0.000139	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Heptachlor	0.000189	U	0.00169	0.000189	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Heptachlor epoxide	0.000159	U	0.00169	0.000159	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Methoxychlor	0.000278	U	0.00169	0.000278	mg/Kg		12/18/14 11:58	12/19/14 15:07	1
Toxaphene	0.00546	U	0.169	0.00546	mg/Kg		12/18/14 11:58	12/19/14 15:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*54 - 133*	*12/18/14 11:58*	*12/19/14 15:07*	*1*
Tetrachloro-m-xylene	*109*		*46 - 130*	*12/18/14 11:58*	*12/19/14 15:07*	*1*

Lab Sample ID: LCS 680-363837/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 364145 — **Prep Batch: 363837**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00666	0.007821		mg/Kg		117	46 - 135
4,4'-DDE	0.00666	0.007976		mg/Kg		120	45 - 130
4,4'-DDT	0.00666	0.008363		mg/Kg		126	45 - 144

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 680-363837/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 364145 — **Prep Batch: 363837**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.00666	0.007287		mg/Kg		109	44 - 130
alpha-BHC	0.00666	0.006921		mg/Kg		104	42 - 130
beta-BHC	0.00666	0.007443		mg/Kg		112	48 - 131
delta-BHC	0.00666	0.007391		mg/Kg		111	49 - 130
Dieldrin	0.00666	0.007698		mg/Kg		116	47 - 130
Endosulfan I	0.00666	0.006495		mg/Kg		97	40 - 130
Endosulfan II	0.00666	0.006761		mg/Kg		101	45 - 130
Endosulfan sulfate	0.00666	0.007492		mg/Kg		112	50 - 142
Endrin	0.00666	0.007906		mg/Kg		119	46 - 155
Endrin aldehyde	0.00666	0.008310		mg/Kg		125	41 - 135
gamma-BHC (Lindane)	0.00666	0.007117		mg/Kg		107	45 - 130
Heptachlor	0.00666	0.007565		mg/Kg		114	46 - 130
Methoxychlor	0.00666	0.009219		mg/Kg		138	43 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*54 - 133*
Tetrachloro-m-xylene	*100*		*46 - 130*

Lab Sample ID: LB 600-151606/1-E — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.000300	U	0.000500	0.000300	mg/L		12/16/14 07:46	12/17/14 10:56	1
Endrin	0.0000350	U	0.000500	0.0000350	mg/L		12/16/14 07:46	12/17/14 10:56	1
Heptachlor	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 10:56	1
Heptachlor epoxide	0.0000350	U	0.000250	0.0000350	mg/L		12/16/14 07:46	12/17/14 10:56	1
gamma-BHC (Lindane)	0.0000300	U	0.000250	0.0000300	mg/L		12/16/14 07:46	12/17/14 10:56	1
Methoxychlor	0.0000450	U	0.000250	0.0000450	mg/L		12/16/14 07:46	12/17/14 10:56	1
Toxaphene	0.0122	U	0.0250	0.0122	mg/L		12/16/14 07:46	12/17/14 10:56	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*32 - 143*	*12/16/14 07:46*	*12/17/14 10:56*	*1*
DCB Decachlorobiphenyl	*98*		*36 - 144*	*12/16/14 07:46*	*12/17/14 10:56*	*1*

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.0000350	U	0.00250	0.002456		mg/L		98	49 - 150
Heptachlor	0.0000300	U	0.00250	0.002266		mg/L		91	70 - 150
Heptachlor epoxide	0.0000350	U	0.00250	0.002205		mg/L		88	64 - 150
gamma-BHC (Lindane)	0.0000300	U	0.00250	0.002195		mg/L		88	70 - 149
Methoxychlor	0.0000450	U	0.00250	0.002928		mg/L		117	12 - 150

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151878 — **Prep Batch: 151707**

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	66		32 - 143
DCB Decachlorobiphenyl	82		36 - 144

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.0000350	U	0.00250	0.002940		mg/L		118	49 - 150
Heptachlor	0.0000300	U	0.00250	0.002894		mg/L		116	70 - 150
Heptachlor epoxide	0.0000350	U	0.00250	0.002659		mg/L		106	64 - 150
gamma-BHC (Lindane)	0.0000300	U	0.00250	0.004000	F1	mg/L		160	70 - 149
Methoxychlor	0.0000450	U	0.00250	0.002771		mg/L		111	12 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	347	X	32 - 143
DCB Decachlorobiphenyl	106		36 - 144

Lab Sample ID: 600-103547-4 MS — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 151878 — **Prep Batch: 151707**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.0000483	U	0.00345	0.002483		mg/L		72	49 - 150
Heptachlor	0.0000414	U	0.00345	0.002269	F1	mg/L		66	70 - 150
Heptachlor epoxide	0.0000483	U	0.00345	0.002159	F1	mg/L		63	64 - 150
gamma-BHC (Lindane)	0.0000414	U	0.00345	0.002438		mg/L		71	70 - 149
Methoxychlor	0.0000621	U	0.00345	0.002545		mg/L		74	12 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	119		32 - 143
DCB Decachlorobiphenyl	53		36 - 144

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-363818/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 364153 — **Prep Batch: 363818**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00000630	U	0.0000500	0.00000630	mg/L		12/18/14 16:45	12/19/14 16:35	1
4,4'-DDE	0.00000510	U	0.0000500	0.00000510	mg/L		12/18/14 16:45	12/19/14 16:35	1
4,4'-DDT	0.00000700	U	0.0000500	0.00000700	mg/L		12/18/14 16:45	12/19/14 16:35	1
Aldrin	0.00000720	U	0.0000500	0.00000720	mg/L		12/18/14 16:45	12/19/14 16:35	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: MB 680-363818/7-A | **Client Sample ID: Method Blank**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 364153 | **Prep Batch: 363818**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00000340	U	0.0000500	0.00000340	mg/L		12/18/14 16:45	12/19/14 16:35	1
beta-BHC	0.00000910	U	0.0000500	0.00000910	mg/L		12/18/14 16:45	12/19/14 16:35	1
Chlordane (n.o.s.)	0.0000950	U	0.000500	0.0000950	mg/L		12/18/14 16:45	12/19/14 16:35	1
delta-BHC	0.00000750	U	0.0000500	0.00000750	mg/L		12/18/14 16:45	12/19/14 16:35	1
Dieldrin	0.00000380	U	0.0000500	0.00000380	mg/L		12/18/14 16:45	12/19/14 16:35	1
Endosulfan I	0.00000350	U	0.0000500	0.00000350	mg/L		12/18/14 16:45	12/19/14 16:35	1
Endosulfan II	0.00000420	U	0.0000500	0.00000420	mg/L		12/18/14 16:45	12/19/14 16:35	1
Endosulfan sulfate	0.00000510	U	0.0000500	0.00000510	mg/L		12/18/14 16:45	12/19/14 16:35	1
Endrin	0.00000530	U	0.0000500	0.00000530	mg/L		12/18/14 16:45	12/19/14 16:35	1
Endrin aldehyde	0.00000610	U	0.0000500	0.00000610	mg/L		12/18/14 16:45	12/19/14 16:35	1
gamma-BHC (Lindane)	0.00000360	U	0.0000500	0.00000360	mg/L		12/18/14 16:45	12/19/14 16:35	1
Heptachlor	0.00000710	U	0.0000500	0.00000710	mg/L		12/18/14 16:45	12/19/14 16:35	1
Heptachlor epoxide	0.00000370	U	0.0000500	0.00000370	mg/L		12/18/14 16:45	12/19/14 16:35	1
Methoxychlor	0.00000980	U	0.0000500	0.00000980	mg/L		12/18/14 16:45	12/19/14 16:35	1
Toxaphene	0.000400	U	0.00500	0.000400	mg/L		12/18/14 16:45	12/19/14 16:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*14 - 130*	*12/18/14 16:45*	*12/19/14 16:35*	*1*
Tetrachloro-m-xylene	*64*		*40 - 130*	*12/18/14 16:45*	*12/19/14 16:35*	*1*

Lab Sample ID: LCS 680-363818/8-A | **Client Sample ID: Lab Control Sample**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 364153 | **Prep Batch: 363818**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.000100	0.00008552		mg/L		86	54 - 135
4,4'-DDE	0.000100	0.00008140		mg/L		81	47 - 130
4,4'-DDT	0.000100	0.00008498		mg/L		85	47 - 134
Aldrin	0.000100	0.00008168		mg/L		82	34 - 130
alpha-BHC	0.000100	0.00008141		mg/L		81	48 - 130
beta-BHC	0.000100	0.00008761		mg/L		88	29 - 174
delta-BHC	0.000100	0.00008413		mg/L		84	44 - 142
Dieldrin	0.000100	0.00008748		mg/L		87	54 - 130
Endosulfan I	0.000100	0.00008511		mg/L		85	40 - 131
Endosulfan II	0.000100	0.00008649		mg/L		86	44 - 137
Endosulfan sulfate	0.000100	0.00008767		mg/L		88	49 - 139
Endrin	0.000100	0.00008361		mg/L		84	59 - 143
Endrin aldehyde	0.000100	0.00009424		mg/L		94	45 - 166

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-363818/8-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 364153 — **Prep Batch: 363818**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000100	0.00008213		mg/L		82	52 - 130
Heptachlor	0.000100	0.00007708		mg/L		77	35 - 130
Methoxychlor	0.000100	0.00009868		mg/L		99	52 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*14 - 130*
Tetrachloro-m-xylene	*63*		*40 - 130*

Lab Sample ID: LCSD 680-363818/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 364153 — **Prep Batch: 363818**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.000100	0.00009080		mg/L		91	54 - 135	6	40
4,4'-DDE	0.000100	0.00008939		mg/L		89	47 - 130	9	30
4,4'-DDT	0.000100	0.00009176		mg/L		92	47 - 134	8	40
Aldrin	0.000100	0.00008905		mg/L		89	34 - 130	9	50
alpha-BHC	0.000100	0.00008550		mg/L		85	48 - 130	5	30
beta-BHC	0.000100	0.00008863		mg/L		89	29 - 174	1	50
delta-BHC	0.000100	0.00008630		mg/L		86	44 - 142	3	40
Dieldrin	0.000100	0.00009195		mg/L		92	54 - 130	5	40
Endosulfan I	0.000100	0.00008975		mg/L		90	40 - 131	5	40
Endosulfan II	0.000100	0.00009102		mg/L		91	44 - 137	5	40
Endosulfan sulfate	0.000100	0.00008913		mg/L		89	49 - 139	2	30
Endrin	0.000100	0.00009115		mg/L		91	59 - 143	9	30
Endrin aldehyde	0.000100	0.00009648		mg/L		96	45 - 166	2	50
gamma-BHC (Lindane)	0.000100	0.00008700		mg/L		87	52 - 130	6	30
Heptachlor	0.000100	0.00008133		mg/L		81	35 - 130	5	30
Methoxychlor	0.000100	0.0001013		mg/L		101	52 - 136	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*61*		*14 - 130*
Tetrachloro-m-xylene	*69*		*40 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 600-151691/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151923 — **Prep Batch: 151691**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0000400	U	0.000200	0.0000400	mg/L		12/15/14 16:18	12/17/14 18:05	1
Silvex (2,4,5-TP)	0.0000200	U	0.000200	0.0000200	mg/L		12/15/14 16:18	12/17/14 18:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*76*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 18:05*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 600-151691/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151923 — **Prep Batch: 151691**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.000800	0.0006893		mg/L		86	25 - 151
Silvex (2,4,5-TP)	0.000800	0.0006957		mg/L		87	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*81*		*10 - 125.2*

Lab Sample ID: MB 600-151732/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151898 — **Prep Batch: 151732**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.000460	U	0.00400	0.000460	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
Mecoprop	0.0459	U	0.0400	0.0459	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
MCPA	0.0650	U	0.0400	0.0650	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
Dichlorprop	0.000450	U	0.00400	0.000450	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
2,4-D	0.000340	U	0.00400	0.000340	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
Silvex (2,4,5-TP)	0.000430	U	0.00400	0.000430	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
2,4,5-T	0.000440	U	0.00400	0.000440	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
2,4-DB	0.000660	U	0.00400	0.000660	mg/Kg		12/16/14 10:16	12/17/14 19:58	1
Dinoseb	0.000320	U	0.00400	0.000320	mg/Kg		12/16/14 10:16	12/17/14 19:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*90*		*22 - 130*	*12/16/14 10:16*	*12/17/14 19:58*	*1*

Lab Sample ID: LCS 600-151732/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151898 — **Prep Batch: 151732**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dicamba	0.0160	0.01545		mg/Kg		97	22 - 146
Mecoprop	1.60	1.491		mg/Kg		93	26 - 143
MCPA	1.60	1.679		mg/Kg		105	12 - 158
Dichlorprop	0.0160	0.01971		mg/Kg		123	22 - 179
2,4-D	0.0160	0.01417		mg/Kg		89	33 - 159
Silvex (2,4,5-TP)	0.0160	0.01541		mg/Kg		96	32 - 160
2,4,5-T	0.0160	0.01451		mg/Kg		91	24 - 165
2,4-DB	0.0160	0.01423		mg/Kg		89	39 - 157
Dinoseb	0.0160	0.004304		mg/Kg		27	12 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-DCAA	*110*		*22 - 130*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 600-103547-3 MS
Matrix: Solid
Analysis Batch: 151898

Client Sample ID: OT 25474
Prep Type: Total/NA
Prep Batch: 151732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dicamba	0.00230	U	0.0160	0.09098	F1	mg/Kg		570	22 - 146
Mecoprop	0.229	U	1.60	83.78	E F1	mg/Kg		5247	26 - 143
MCPA	0.325	U	1.60	8958	E F1	mg/Kg		561001	12 - 158
Dichlorprop	0.00225	U	0.0160	48.94	E F1	mg/Kg		306501	22 - 179
2,4-D	0.00170	U	0.0160	0.04637	F1	mg/Kg		290	33 - 159
Silvex (2,4,5-TP)	0.00215	U	0.0160	1.468	E F1	mg/Kg		9192	32 - 160
2,4,5-T	0.00220	U	0.0160	0.008624	J	mg/Kg		54	24 - 165
2,4-DB	0.00330	U	0.0160	0.2392	E F1	mg/Kg		1498	39 - 157
Dinoseb	0.00160	U	0.0160	0.07621	F1	mg/Kg		477	12 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-DCAA	*3079*	*X*	*22 - 130*

Lab Sample ID: 600-103547-3 MSD
Matrix: Solid
Analysis Batch: 151898

Client Sample ID: OT 25474
Prep Type: Total/NA
Prep Batch: 151732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dicamba	0.00230	U	0.0160	2.503	E F1 F2	mg/Kg		15670	22 - 146	186	30
Mecoprop	0.229	U	1.60	84.30	E F1	mg/Kg		5277	26 - 143	1	30
MCPA	0.325	U	1.60	3828	E F1 F2	mg/Kg		239646	12 - 158	80	30
Dichlorprop	0.00225	U	0.0160	55.48	E F1	mg/Kg		347275	22 - 179	13	30
2,4-D	0.00170	U	0.0160	0.01063	J F2	mg/Kg		67	33 - 159	125	30
Silvex (2,4,5-TP)	0.00215	U	0.0160	0.2929	E F1 F2	mg/Kg		1833	32 - 160	133	30
2,4,5-T	0.00220	U	0.0160	0.007785	J	mg/Kg		49	24 - 165	10	30
2,4-DB	0.00330	U	0.0160	0.03475	F1 F2	mg/Kg		218	39 - 157	149	30
Dinoseb	0.00160	U	0.0160	0.02779	F1 F2	mg/Kg		174	12 - 122	93	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-DCAA	*8595*	*X*	*22 - 130*

Lab Sample ID: MB 600-151903/1-A
Matrix: Waste
Analysis Batch: 151898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	0.0230	U	0.200	0.0230	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
Mecoprop	2.29	U	2.00	2.29	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
MCPA	3.25	U	2.00	3.25	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
Dichlorprop	0.0225	U	0.200	0.0225	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
2,4-D	0.0170	U	0.200	0.0170	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
Silvex (2,4,5-TP)	0.0215	U	0.200	0.0215	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
2,4,5-T	0.0220	U	0.200	0.0220	mg/Kg		12/17/14 10:58	12/17/14 23:04	1
2,4-DB	0.0330	U	0.200	0.0330	mg/Kg		12/17/14 10:58	12/17/14 23:04	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 600-151903/1-A
Matrix: Waste
Analysis Batch: 151898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 151903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	0.0160	U	0.200	0.0160	mg/Kg		12/17/14 10:58	12/17/14 23:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-DCAA	*30*		*10 - 125.2*	*12/17/14 10:58*	*12/17/14 23:04*	*1*

Lab Sample ID: LCS 600-151903/2-A
Matrix: Waste
Analysis Batch: 151898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 151903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dicamba	0.800	0.7498		mg/Kg		94	31 - 124
Mecoprop	80.0	64.09		mg/Kg		80	10 - 176
MCPA	80.0	70.84		mg/Kg		89	26 - 164
Dichlorprop	0.800	0.9603		mg/Kg		120	42 - 127
2,4-D	0.800	0.6473		mg/Kg		81	25 - 151
Silvex (2,4,5-TP)	0.800	0.8515		mg/Kg		106	47 - 136
2,4,5-T	0.800	0.7005		mg/Kg		88	36 - 140
2,4-DB	0.800	0.6052		mg/Kg		76	24 - 164
Dinoseb	0.800	0.7509		mg/Kg		94	11 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-DCAA	*57*		*10 - 125.2*

Lab Sample ID: LB 600-151605/1-D
Matrix: Solid
Analysis Batch: 151923

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 151691

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000200	U	0.00100	0.000200	mg/L		12/15/14 16:18	12/17/14 18:53	1
Silvex (2,4,5-TP)	0.000100	U	0.00100	0.000100	mg/L		12/15/14 16:18	12/17/14 18:53	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*43*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 18:53*	*1*

Lab Sample ID: LB 600-151606/1-D
Matrix: Solid
Analysis Batch: 151923

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 151691

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.000200	U	0.00100	0.000200	mg/L		12/15/14 16:18	12/17/14 19:40	1
Silvex (2,4,5-TP)	0.000100	U	0.00100	0.000100	mg/L		12/15/14 16:18	12/17/14 19:40	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*50*		*10 - 125.2*	*12/15/14 16:18*	*12/17/14 19:40*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151923 — **Prep Batch: 151691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.000200	U	0.00400	0.003767		mg/L		94	25 - 151
Silvex (2,4,5-TP)	0.000100	U	0.00400	0.003065		mg/L		77	47 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*28*		*10 - 125.2*

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151923 — **Prep Batch: 151691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.000200	U	0.00400	0.003015		mg/L		75	25 - 151
Silvex (2,4,5-TP)	0.000100	U	0.00400	0.003519		mg/L		88	47 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*25*		*10 - 125.2*

Lab Sample ID: 600-103547-4 MS — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 151923 — **Prep Batch: 151691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.00100	U	0.00400	0.1238	E F1	mg/L		3096	25 - 151
Silvex (2,4,5-TP)	0.000500	U	0.00400	0.002042	J	mg/L		51	47 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*61*		*10 - 125.2*

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

Lab Sample ID: MB 600-151634/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151643 — **Prep Batch: 151634**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		12/15/14 09:16	12/15/14 11:40	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		12/15/14 09:16	12/15/14 11:40	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		12/15/14 09:16	12/15/14 11:40	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		12/15/14 09:16	12/15/14 11:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*110*		*70 - 130*	*12/15/14 09:16*	*12/15/14 11:40*	*1*

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

Lab Sample ID: LCS 600-151634/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151643 — **Prep Batch: 151634**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	250	213.0		mg/Kg		85	75 - 125
>C12-C28	250	223.2		mg/Kg		89	75 - 125
C6-C35	500	436.2		mg/Kg		87	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*110*		*70 - 130*

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 600-151607/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151756 — **Prep Batch: 151607**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.9	U	497	24.9	mg/Kg		12/12/14 16:30	12/16/14 14:18	1

Lab Sample ID: LCS 600-151607/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151756 — **Prep Batch: 151607**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10100	10980	E	mg/Kg		109	75 - 125

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151756 — **Prep Batch: 151607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	188	J	11500	9897	E	mg/Kg		84	75 - 125

Lab Sample ID: 600-103547-1 MSD — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151756 — **Prep Batch: 151607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	188	J	11700	10040	E	mg/Kg		85	75 - 125	1	20

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 490-217859/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 218056 — **Prep Batch: 217859**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.0	U	50.0	50.0	mg/Kg		01/02/15 07:58	01/02/15 14:37	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 600-103547-4 DU — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 218056 — **Prep Batch: 217859**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Chloride	781	U		781	U	mg/Kg				NC	20

Lab Sample ID: MB 490-218056/6 — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 218056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.00	U	1.00	1.00	mg/Kg			01/02/15 13:37	1

Lab Sample ID: LCS 490-218056/7 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 218056

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			50.0	48.79		mg/Kg		98	80 - 120		

Lab Sample ID: LCSD 490-218056/8 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 218056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			50.0	48.79		mg/Kg		98	80 - 120	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-151583/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151753 — **Prep Batch: 151583**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0506	U	0.500	0.0506	mg/Kg		12/12/14 14:53	12/16/14 14:14	1
Lead	0.105	U	0.500	0.105	mg/Kg		12/12/14 14:53	12/16/14 14:14	1
Silver	0.119	U	0.400	0.119	mg/Kg		12/12/14 14:53	12/16/14 14:14	1
Selenium	0.259	U	2.00	0.259	mg/Kg		12/12/14 14:53	12/16/14 14:14	1

Lab Sample ID: MB 600-151583/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151873 — **Prep Batch: 151583**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.1113	J	1.00	0.0300	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Cadmium	0.0256	U	0.250	0.0256	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Arsenic	0.218	U	1.00	0.218	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Chromium	0.0506	U	0.500	0.0506	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Lead	0.105	U	0.500	0.105	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Silver	0.119	U	0.400	0.119	mg/Kg		12/12/14 14:53	12/16/14 20:29	1
Selenium	0.259	U	2.00	0.259	mg/Kg		12/12/14 14:53	12/16/14 20:29	1

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

Lab Sample ID: LCSSRM 600-151583/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151753 — **Prep Batch: 151583**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	97.9	87.15		mg/Kg		89.0	81.7 - 118.5
Silver	66.2	64.28		mg/Kg		97.1	74.9 - 125.1
Selenium	127	110.6		mg/Kg		87.1	77.5 - 122.8

Lab Sample ID: LCSSRM 600-151583/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151873 — **Prep Batch: 151583**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	210	201.8		mg/Kg		96.1	83.8 - 116.7
Cadmium	143	141.1		mg/Kg		98.7	81.1 - 118.2
Arsenic	88.4	88.16		mg/Kg		99.7	80.9 - 118.8
Chromium	86.8	85.17		mg/Kg		98.1	79.8 - 119.8
Lead	97.9	96.86		mg/Kg		98.9	81.7 - 118.5
Silver	66.2	66.11		mg/Kg		99.9	74.9 - 125.1
Selenium	127	122.4		mg/Kg		96.4	77.5 - 122.8

Lab Sample ID: MB 600-151658/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00220	U	0.0200	0.00220	mg/L		12/15/14 13:06	12/16/14 12:09	1
Arsenic	0.00328	U	0.0100	0.00328	mg/L		12/15/14 13:06	12/16/14 12:09	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		12/15/14 13:06	12/16/14 12:09	1
Lead	0.00290	U	0.0100	0.00290	mg/L		12/15/14 13:06	12/16/14 12:09	1
Silver	0.00125	U	0.0100	0.00125	mg/L		12/15/14 13:06	12/16/14 12:09	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		12/15/14 13:06	12/16/14 12:09	1

Lab Sample ID: MB 600-151658/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.000350	U	0.00500	0.000350	mg/L		12/15/14 13:06	12/16/14 17:52	1

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

Lab Sample ID: LCS 600-151658/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.00	1.032		mg/L		103	80 - 120
Arsenic	1.00	1.040		mg/L		104	80 - 120
Chromium	1.00	1.020		mg/L		102	80 - 120
Lead	1.00	1.044		mg/L		104	80 - 120
Silver	0.500	0.5350		mg/L		107	80 - 120
Selenium	1.00	1.032		mg/L		103	80 - 120

Lab Sample ID: LCS 600-151658/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.500	0.5309		mg/L		106	80 - 120

Lab Sample ID: MB 600-151672/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151684 — **Prep Batch: 151672**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0300	U	1.00	0.0300	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Cadmium	0.0256	U	0.250	0.0256	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Arsenic	0.218	U	1.00	0.218	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Chromium	0.0506	U	0.500	0.0506	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Lead	0.105	U	0.500	0.105	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Silver	0.119	U	0.400	0.119	mg/Kg		12/15/14 14:25	12/15/14 17:35	1
Selenium	0.259	U	2.00	0.259	mg/Kg		12/15/14 14:25	12/15/14 17:35	1

Lab Sample ID: LCSSRM 600-151672/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151684 — **Prep Batch: 151672**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	210	204.9		mg/Kg		97.6	83.8 - 116.7
Cadmium	143	143.5		mg/Kg		100.3	81.1 - 118.2
Arsenic	88.4	86.66		mg/Kg		98.0	80.9 - 118.8
Chromium	86.8	83.39		mg/Kg		96.1	79.8 - 119.8
Lead	97.9	92.78		mg/Kg		94.8	81.7 - 118.5
Silver	66.2	63.21		mg/Kg		95.5	74.9 - 125.1
Selenium	127	117.2		mg/Kg		92.3	77.5 - 122.8

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

Lab Sample ID: LB 600-151605/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.1100	J	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:49	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:49	1
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:49	1
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:49	1
Silver	0.0125	U	0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:49	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:49	1

Lab Sample ID: LB 600-151605/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.00350	U	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 18:16	1

Lab Sample ID: LB 600-151606/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.1265	J	0.200	0.0220	mg/L		12/15/14 13:06	12/16/14 12:13	1
Arsenic	0.0328	U	0.100	0.0328	mg/L		12/15/14 13:06	12/16/14 12:13	1
Chromium	0.0155	U	0.100	0.0155	mg/L		12/15/14 13:06	12/16/14 12:13	1
Lead	0.0290	U	0.100	0.0290	mg/L		12/15/14 13:06	12/16/14 12:13	1
Silver	0.2625		0.100	0.0125	mg/L		12/15/14 13:06	12/16/14 12:13	1
Selenium	0.0417	U	0.400	0.0417	mg/L		12/15/14 13:06	12/16/14 12:13	1

Lab Sample ID: LB 600-151606/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.00350	U	0.0500	0.00350	mg/L		12/15/14 13:06	12/16/14 17:57	1

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.12	B	10.0	11.42		mg/L		103	75 - 125
Arsenic	0.0328	U	10.0	10.72		mg/L		107	75 - 125
Chromium	0.0155	U	10.0	10.26		mg/L		103	75 - 125
Lead	0.0290	U	10.0	10.39		mg/L		104	75 - 125
Silver	0.0125	U	5.00	5.406		mg/L		108	75 - 125
Selenium	0.0417	U	10.0	10.70		mg/L		107	75 - 125

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

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.00350	U	5.00	5.256		mg/L		105	75 - 125

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.462	B	10.0	10.30		mg/L		98	75 - 125
Arsenic	0.0328	U	10.0	10.30		mg/L		103	75 - 125
Chromium	0.0155	U	10.0	9.802		mg/L		98	75 - 125
Lead	0.0290	U	10.0	9.999		mg/L		100	75 - 125
Silver	0.0125	U	5.00	5.244		mg/L		105	75 - 125
Selenium	0.0417	U	10.0	10.29		mg/L		103	75 - 125

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.00350	U	5.00	5.269		mg/L		105	75 - 125

Lab Sample ID: 600-103547-1 DU — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151753 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Barium	1.12	B	1.090		mg/L		3	20
Arsenic	0.0328	U	0.0328	U	mg/L		NC	20
Chromium	0.0155	U	0.0155	U	mg/L		NC	20
Lead	0.0290	U	0.0290	U	mg/L		NC	20
Silver	0.0125	U	0.0125	U	mg/L		NC	20
Selenium	0.0417	U	0.0417	U	mg/L		NC	20

Lab Sample ID: 600-103547-1 DU — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151873 — **Prep Batch: 151658**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cadmium	0.00350	U	0.00350	U	mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-151710/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		12/16/14 08:07	12/16/14 12:18	1

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

Lab Sample ID: LCS 600-151710/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1559		mg/L		102	70 - 130

Lab Sample ID: LB 600-151605/1-F — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		12/16/14 08:07	12/16/14 12:54	1

Lab Sample ID: LB 600-151606/1-F — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		12/16/14 08:07	12/16/14 12:22	1

Lab Sample ID: 600-103547-1 MS — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0000820	U	0.00300	0.003161		mg/L		105	75 - 125

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0000820	U	0.00300	0.003184		mg/L		106	75 - 125

Lab Sample ID: 600-103547-4 MS — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: TCLP**
Analysis Batch: 151762 — **Prep Batch: 151710**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0000820	U	0.00300	0.003210		mg/L		107	75 - 125

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

Lab Sample ID: MB 600-152056/1 — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			12/18/14 10:45	1

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

Lab Sample ID: LCS 600-152056/2 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152056

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

Lab Sample ID: 600-103547-4 DU — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152056

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 600-151755/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 151823 — **Prep Batch: 151755**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	0.0855	U	0.250	0.0855	mg/Kg		12/16/14 10:35	12/16/14 15:52	1

Lab Sample ID: LCS 600-151755/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151823 — **Prep Batch: 151755**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	9.986		mg/Kg		1	0 - 200

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151823 — **Prep Batch: 151755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	0.0849	U	991	3.186		mg/Kg		0.3	0 - 200

Lab Sample ID: 600-103547-3 DU — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151823 — **Prep Batch: 151755**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Reactive	0.0849	U	0.0851	U	mg/Kg		NC	20

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 240-161551/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 161706 — **Prep Batch: 161551**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	34.0	U	200	34.0	mg/Kg		12/18/14 05:53	12/18/14 09:35	1

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

Lab Sample ID: LCS 240-161551/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 161706 — **Prep Batch: 161551**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1000	986.4		mg/Kg		99	75 - 125

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

Lab Sample ID: MB 600-151755/1-A — **Client Sample ID: Method Blank**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 151902 — **Prep Batch: 151755**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	14.0	U	50.0	14.0	mg/Kg		12/16/14 10:35	12/17/14 10:52	1

Lab Sample ID: LCS 600-151755/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 151902 — **Prep Batch: 151755**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	1200		mg/Kg		119	0 - 200

Lab Sample ID: 600-103547-3 MS — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151902 — **Prep Batch: 151755**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	13.9	U	1000	597.6		mg/Kg		60	0 - 200

Lab Sample ID: 600-103547-3 DU — **Client Sample ID: OT 25474**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151902 — **Prep Batch: 151755**

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

Method: 9040B - pH

Lab Sample ID: LCS 600-152057/1 — **Client Sample ID: Lab Control Sample**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.990		SU		100	99 - 101

Lab Sample ID: 600-103547-4 DU — **Client Sample ID: FT 5180**
Matrix: Waste — **Prep Type: Total/NA**
Analysis Batch: 152057

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.33		6.360		SU		0.5	1

Method: D1796 - Water and Sediment in Fuel Oils

Lab Sample ID: 600-103547-1 DU — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 111124

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Water	0.000			0.0000		%				NC	20

Method: D240-87 - Heat of Combustion

Lab Sample ID: MB 600-151608/1 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151608

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
BTU	500	U	500	500	BTU/lb			12/12/14 16:30	1

Lab Sample ID: LCS 600-151608/2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151608

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
BTU			11400	11100		BTU/lb		98	90 - 110		

Lab Sample ID: 600-103547-1 DU — **Client Sample ID: OT 25563**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151608

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
BTU	683			500	U	BTU/lb				NC	20

Method: D92 - Flashpoint

Lab Sample ID: MB 600-151939/1 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>186		1.00	1.00	Degrees F			12/17/14 07:30	1

Lab Sample ID: LCS 600-151939/2 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151939

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		

Lab Sample ID: 600-103547-2 DU — **Client Sample ID: OT 25337**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 151939

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>212			>212		Degrees F				NC	20

QC Association Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

GC/MS VOA

Leach Batch: 110905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	TCLP	Waste	1311	
LB3 560-110905/1-A	Method Blank	TCLP	Waste	1311	

Leach Batch: 110912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	1311	
600-103547-1 MS	OT 25563	TCLP	Solid	1311	
600-103547-1 MSD	OT 25563	TCLP	Solid	1311	
600-103547-2	OT 25337	TCLP	Solid	1311	
600-103547-3	OT 25474	TCLP	Solid	1311	
LB 560-110912/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 110919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	8260B	110912
600-103547-1 MS	OT 25563	TCLP	Solid	8260B	110912
600-103547-1 MSD	OT 25563	TCLP	Solid	8260B	110912
600-103547-2	OT 25337	TCLP	Solid	8260B	110912
600-103547-3	OT 25474	TCLP	Solid	8260B	110912
600-103547-4	FT 5180	TCLP	Waste	8260B	110905
LB 560-110912/1-A	Method Blank	TCLP	Solid	8260B	110912
LB3 560-110905/1-A	Method Blank	TCLP	Waste	8260B	110905
LCS 560-110919/3	Lab Control Sample	Total/NA	Solid	8260B	
MB 560-110919/8	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 151711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8260B	
600-103547-2	OT 25337	Total/NA	Solid	8260B	
600-103547-3	OT 25474	Total/NA	Solid	8260B	
LCS 600-151711/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 600-151711/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 600-151711/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 152106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	8260B	
LCS 600-152106/4	Lab Control Sample	Total/NA	Waste	8260B	
LCSD 600-152106/5	Lab Control Sample Dup	Total/NA	Waste	8260B	
MB 600-152106/7	Method Blank	Total/NA	Waste	8260B	

GC/MS Semi VOA

Leach Batch: 151605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-2	OT 25337	TCLP	Solid	1311	
LB 600-151605/1-C	Method Blank	TCLP	Solid	1311	

GC/MS Semi VOA (Continued)

Leach Batch: 151606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	1311	
600-103547-1 MS	OT 25563	TCLP	Solid	1311	
600-103547-3	OT 25474	TCLP	Solid	1311	
600-103547-3 MS	OT 25474	TCLP	Solid	1311	
600-103547-4	FT 5180	TCLP	Waste	1311	
600-103547-4 MS	FT 5180	TCLP	Waste	1311	
LB 600-151606/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 151624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	3546	
600-103547-2	OT 25337	Total/NA	Solid	3546	
600-103547-3	OT 25474	Total/NA	Solid	3546	
600-103547-3 MS	OT 25474	Total/NA	Solid	3546	
600-103547-3 MSD	OT 25474	Total/NA	Solid	3546	
LCS 600-151624/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 600-151624/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 151635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	3510C	151606
600-103547-1 MS	OT 25563	TCLP	Solid	3510C	151606
600-103547-2	OT 25337	TCLP	Solid	3510C	151605
600-103547-3	OT 25474	TCLP	Solid	3510C	151606
600-103547-3 MS	OT 25474	TCLP	Solid	3510C	151606
600-103547-4	FT 5180	TCLP	Waste	3510C	151606
600-103547-4 MS	FT 5180	TCLP	Waste	3510C	151606
LB 600-151605/1-C	Method Blank	TCLP	Solid	3510C	151605
LB 600-151606/1-C	Method Blank	TCLP	Solid	3510C	151606
LCS 600-151635/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 600-151635/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 151660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-151635/2-A	Lab Control Sample	Total/NA	Solid	8270C	151635
MB 600-151635/1-A	Method Blank	Total/NA	Solid	8270C	151635

Analysis Batch: 151667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-151624/2-A	Lab Control Sample	Total/NA	Solid	8270C	151624
MB 600-151624/1-A	Method Blank	Total/NA	Solid	8270C	151624

Analysis Batch: 151703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	8270C	151635
600-103547-1 MS	OT 25563	TCLP	Solid	8270C	151635
600-103547-2	OT 25337	TCLP	Solid	8270C	151635
600-103547-3	OT 25474	TCLP	Solid	8270C	151635
600-103547-3 MS	OT 25474	TCLP	Solid	8270C	151635
600-103547-4	FT 5180	TCLP	Waste	8270C	151635
600-103547-4 MS	FT 5180	TCLP	Waste	8270C	151635

GC/MS Semi VOA (Continued)

Analysis Batch: 151703 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-151605/1-C	Method Blank	TCLP	Solid	8270C	151635
LB 600-151606/1-C	Method Blank	TCLP	Solid	8270C	151635

Analysis Batch: 151704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8270C	151624
600-103547-2	OT 25337	Total/NA	Solid	8270C	151624
600-103547-3	OT 25474	Total/NA	Solid	8270C	151624
600-103547-3 MS	OT 25474	Total/NA	Solid	8270C	151624
600-103547-3 MSD	OT 25474	Total/NA	Solid	8270C	151624

Prep Batch: 151742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	3580A	
LCS 600-151742/2-A	Lab Control Sample	Total/NA	Waste	3580A	
MB 600-151742/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 151857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	8270C	151742

Analysis Batch: 151858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-151742/2-A	Lab Control Sample	Total/NA	Waste	8270C	151742
MB 600-151742/1-A	Method Blank	Total/NA	Waste	8270C	151742

GC Semi VOA

Leach Batch: 151605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-2	OT 25337	TCLP	Solid	1311	
LB 600-151605/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 151606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	1311	
600-103547-1 MS	OT 25563	TCLP	Solid	1311	
600-103547-3	OT 25474	TCLP	Solid	1311	
600-103547-3 MS	OT 25474	TCLP	Solid	1311	
600-103547-4	FT 5180	TCLP	Waste	1311	
600-103547-4 MS	FT 5180	TCLP	Waste	1311	
LB 600-151606/1-D	Method Blank	TCLP	Solid	1311	
LB 600-151606/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 151634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1 - DL	OT 25563	Total/NA	Solid	TX_1005_S_Prep	
600-103547-2 - DL	OT 25337	Total/NA	Solid	TX_1005_S_Prep	

GC Semi VOA (Continued)

Prep Batch: 151634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-3	OT 25474	Total/NA	Solid	TX_1005_S_Prep	
600-103547-4 - DL	FT 5180	Total/NA	Waste	TX_1005_S_Prep	
LCS 600-151634/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Prep	
MB 600-151634/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Prep	

Analysis Batch: 151643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-151634/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	151634
MB 600-151634/1-A	Method Blank	Total/NA	Solid	TX 1005	151634

Analysis Batch: 151646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1 - DL	OT 25563	Total/NA	Solid	TX 1005	151634
600-103547-2 - DL	OT 25337	Total/NA	Solid	TX 1005	151634
600-103547-3	OT 25474	Total/NA	Solid	TX 1005	151634
600-103547-4 - DL	FT 5180	Total/NA	Waste	TX 1005	151634

Prep Batch: 151691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	8151A	151606
600-103547-1 MS	OT 25563	TCLP	Solid	8151A	151606
600-103547-2	OT 25337	TCLP	Solid	8151A	151605
600-103547-3	OT 25474	TCLP	Solid	8151A	151606
600-103547-3 MS	OT 25474	TCLP	Solid	8151A	151606
600-103547-4	FT 5180	TCLP	Waste	8151A	151606
600-103547-4 MS	FT 5180	TCLP	Waste	8151A	151606
LB 600-151605/1-D	Method Blank	TCLP	Solid	8151A	151605
LB 600-151606/1-D	Method Blank	TCLP	Solid	8151A	151606
LCS 600-151691/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 600-151691/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 151707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	3510C	151606
600-103547-1 MS	OT 25563	TCLP	Solid	3510C	151606
600-103547-2	OT 25337	TCLP	Solid	3510C	151605
600-103547-3	OT 25474	TCLP	Solid	3510C	151606
600-103547-3 MS	OT 25474	TCLP	Solid	3510C	151606
600-103547-4	FT 5180	TCLP	Waste	3510C	151606
600-103547-4 MS	FT 5180	TCLP	Waste	3510C	151606
LB 600-151606/1-E	Method Blank	TCLP	Solid	3510C	151606
LCS 600-151707/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 600-151707/1-A	Method Blank	Total/NA	Solid	3510C	

Prep Batch: 151732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8151A	
600-103547-2	OT 25337	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 151732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-3	OT 25474	Total/NA	Solid	8151A	
600-103547-3 MS	OT 25474	Total/NA	Solid	8151A	
600-103547-3 MSD	OT 25474	Total/NA	Solid	8151A	
LCS 600-151732/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 600-151732/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 151878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	8081A	151707
600-103547-1 MS	OT 25563	TCLP	Solid	8081A	151707
600-103547-2	OT 25337	TCLP	Solid	8081A	151707
600-103547-3	OT 25474	TCLP	Solid	8081A	151707
600-103547-3 MS	OT 25474	TCLP	Solid	8081A	151707
600-103547-4	FT 5180	TCLP	Waste	8081A	151707
600-103547-4 MS	FT 5180	TCLP	Waste	8081A	151707
LB 600-151606/1-E	Method Blank	TCLP	Solid	8081A	151707
LCS 600-151707/2-A	Lab Control Sample	Total/NA	Solid	8081A	151707
MB 600-151707/1-A	Method Blank	Total/NA	Solid	8081A	151707

Analysis Batch: 151898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8151A	151732
600-103547-2	OT 25337	Total/NA	Solid	8151A	151732
600-103547-3	OT 25474	Total/NA	Solid	8151A	151732
600-103547-3 MS	OT 25474	Total/NA	Solid	8151A	151732
600-103547-3 MSD	OT 25474	Total/NA	Solid	8151A	151732
600-103547-4	FT 5180	Total/NA	Waste	8151A	151903
LCS 600-151732/2-A	Lab Control Sample	Total/NA	Solid	8151A	151732
LCS 600-151903/2-A	Lab Control Sample	Total/NA	Waste	8151A	151903
MB 600-151732/1-A	Method Blank	Total/NA	Solid	8151A	151732
MB 600-151903/1-A	Method Blank	Total/NA	Waste	8151A	151903

Prep Batch: 151903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	8151A	
LCS 600-151903/2-A	Lab Control Sample	Total/NA	Waste	8151A	
MB 600-151903/1-A	Method Blank	Total/NA	Waste	8151A	

Analysis Batch: 151923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	8151A	151691
600-103547-1 MS	OT 25563	TCLP	Solid	8151A	151691
600-103547-2	OT 25337	TCLP	Solid	8151A	151691
600-103547-3	OT 25474	TCLP	Solid	8151A	151691
600-103547-3 MS	OT 25474	TCLP	Solid	8151A	151691
600-103547-4	FT 5180	TCLP	Waste	8151A	151691
600-103547-4 MS	FT 5180	TCLP	Waste	8151A	151691
LB 600-151605/1-D	Method Blank	TCLP	Solid	8151A	151691
LB 600-151606/1-D	Method Blank	TCLP	Solid	8151A	151691
LCS 600-151691/2-A	Lab Control Sample	Total/NA	Solid	8151A	151691
MB 600-151691/1-A	Method Blank	Total/NA	Solid	8151A	151691

GC Semi VOA (Continued)

Analysis Batch: 151979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8151A	151732
600-103547-2	OT 25337	Total/NA	Solid	8151A	151732
600-103547-3	OT 25474	Total/NA	Solid	8151A	151732
600-103547-4	FT 5180	Total/NA	Waste	8151A	151903

Prep Batch: 363818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-5	FT 5180	Total/NA	Water	3520C	
LCS 680-363818/8-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-363818/16-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-363818/7-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 363837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	3546	
600-103547-2	OT 25337	Total/NA	Solid	3546	
600-103547-3	OT 25474	Total/NA	Solid	3546	
LCS 680-363837/22-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-363837/21-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 364145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	8081A	363837
600-103547-2	OT 25337	Total/NA	Solid	8081A	363837
600-103547-3	OT 25474	Total/NA	Solid	8081A	363837
LCS 680-363837/22-A	Lab Control Sample	Total/NA	Solid	8081A	363837
MB 680-363837/21-A	Method Blank	Total/NA	Solid	8081A	363837

Analysis Batch: 364153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-5	FT 5180	Total/NA	Water	8081A_8082	363818
LCS 680-363818/8-A	Lab Control Sample	Total/NA	Water	8081A_8082	363818
LCSD 680-363818/16-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	363818
MB 680-363818/7-A	Method Blank	Total/NA	Water	8081A_8082	363818

HPLC/IC

Prep Batch: 151607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	5050	
600-103547-1 MS	OT 25563	Total/NA	Solid	5050	
600-103547-1 MSD	OT 25563	Total/NA	Solid	5050	
600-103547-2	OT 25337	Total/NA	Solid	5050	
600-103547-3	OT 25474	Total/NA	Solid	5050	
LCS 600-151607/2-A	Lab Control Sample	Total/NA	Solid	5050	
MB 600-151607/1-A	Method Blank	Total/NA	Solid	5050	

Analysis Batch: 151756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	9056	151607

HPLC/IC (Continued)

Analysis Batch: 151756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1 MS	OT 25563	Total/NA	Solid	9056	151607
600-103547-1 MSD	OT 25563	Total/NA	Solid	9056	151607
600-103547-2	OT 25337	Total/NA	Solid	9056	151607
600-103547-3	OT 25474	Total/NA	Solid	9056	151607
LCS 600-151607/2-A	Lab Control Sample	Total/NA	Solid	9056	151607
MB 600-151607/1-A	Method Blank	Total/NA	Solid	9056	151607

Prep Batch: 217859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	5050	
600-103547-4 DU	FT 5180	Total/NA	Waste	5050	
MB 490-217859/1-A	Method Blank	Total/NA	Waste	5050	

Analysis Batch: 218056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	9056A	217859
600-103547-4 DU	FT 5180	Total/NA	Waste	9056A	217859
LCS 490-218056/7	Lab Control Sample	Total/NA	Waste	9056A	
LCSD 490-218056/8	Lab Control Sample Dup	Total/NA	Waste	9056A	
MB 490-217859/1-A	Method Blank	Total/NA	Waste	9056A	217859
MB 490-218056/6	Method Blank	Total/NA	Waste	9056A	

Metals

Prep Batch: 151583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 600-151583/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-151583/1-A	Method Blank	Total/NA	Solid	3050B	

Leach Batch: 151605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-2	OT 25337	TCLP	Solid	1311	
LB 600-151605/1-B	Method Blank	TCLP	Solid	1311	
LB 600-151605/1-F	Method Blank	TCLP	Solid	1311	

Leach Batch: 151606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	1311	
600-103547-1 DU	OT 25563	TCLP	Solid	1311	
600-103547-1 MS	OT 25563	TCLP	Solid	1311	
600-103547-3	OT 25474	TCLP	Solid	1311	
600-103547-3 MS	OT 25474	TCLP	Solid	1311	
600-103547-4	FT 5180	TCLP	Waste	1311	
600-103547-4 MS	FT 5180	TCLP	Waste	1311	
LB 600-151606/1-B	Method Blank	TCLP	Solid	1311	
LB 600-151606/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 151621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 151621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-2	OT 25337	Total/NA	Solid	7471A	
600-103547-3	OT 25474	Total/NA	Solid	7471A	
600-103547-4	FT 5180	Total/NA	Waste	7471A	

Analysis Batch: 151657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	7471A	151621
600-103547-2	OT 25337	Total/NA	Solid	7471A	151621
600-103547-3	OT 25474	Total/NA	Solid	7471A	151621
600-103547-4	FT 5180	Total/NA	Waste	7471A	151621

Prep Batch: 151658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	3010A	151606
600-103547-1 DU	OT 25563	TCLP	Solid	3010A	151606
600-103547-1 MS	OT 25563	TCLP	Solid	3010A	151606
600-103547-2	OT 25337	TCLP	Solid	3010A	151605
600-103547-3	OT 25474	TCLP	Solid	3010A	151606
600-103547-3 MS	OT 25474	TCLP	Solid	3010A	151606
600-103547-4	FT 5180	TCLP	Waste	3010A	151606
LB 600-151605/1-B	Method Blank	TCLP	Solid	3010A	151605
LB 600-151606/1-B	Method Blank	TCLP	Solid	3010A	151606
LCS 600-151658/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-151658/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 151672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	3050B	
600-103547-1 - DL	OT 25563	Total/NA	Solid	3050B	
600-103547-2	OT 25337	Total/NA	Solid	3050B	
600-103547-2 - DL	OT 25337	Total/NA	Solid	3050B	
600-103547-3	OT 25474	Total/NA	Solid	3050B	
600-103547-3 - DL	OT 25474	Total/NA	Solid	3050B	
600-103547-4	FT 5180	Total/NA	Waste	3050B	
LCSSRM 600-151672/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 600-151672/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 151684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	6010B	151672
600-103547-2	OT 25337	Total/NA	Solid	6010B	151672
600-103547-3	OT 25474	Total/NA	Solid	6010B	151672
600-103547-4	FT 5180	Total/NA	Waste	6010B	151672
LCSSRM 600-151672/2-A	Lab Control Sample	Total/NA	Solid	6010B	151672
MB 600-151672/1-A	Method Blank	Total/NA	Solid	6010B	151672

Prep Batch: 151710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	7470A	151606
600-103547-1 MS	OT 25563	TCLP	Solid	7470A	151606
600-103547-2	OT 25337	TCLP	Solid	7470A	151605

Metals (Continued)

Prep Batch: 151710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-3	OT 25474	TCLP	Solid	7470A	151606
600-103547-3 MS	OT 25474	TCLP	Solid	7470A	151606
600-103547-4	FT 5180	TCLP	Waste	7470A	151606
600-103547-4 MS	FT 5180	TCLP	Waste	7470A	151606
LB 600-151605/1-F	Method Blank	TCLP	Solid	7470A	151605
LB 600-151606/1-F	Method Blank	TCLP	Solid	7470A	151606
LCS 600-151710/8-A ^50	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-151710/7-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 151753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	6010B	151658
600-103547-1 - DL	OT 25563	Total/NA	Solid	6010B	151672
600-103547-1 DU	OT 25563	TCLP	Solid	6010B	151658
600-103547-1 MS	OT 25563	TCLP	Solid	6010B	151658
600-103547-2	OT 25337	TCLP	Solid	6010B	151658
600-103547-2 - DL	OT 25337	Total/NA	Solid	6010B	151672
600-103547-3	OT 25474	TCLP	Solid	6010B	151658
600-103547-3 - DL	OT 25474	Total/NA	Solid	6010B	151672
600-103547-3 MS	OT 25474	TCLP	Solid	6010B	151658
600-103547-4	FT 5180	TCLP	Waste	6010B	151658
LB 600-151605/1-B	Method Blank	TCLP	Solid	6010B	151658
LB 600-151606/1-B	Method Blank	TCLP	Solid	6010B	151658
LCS 600-151658/2-A	Lab Control Sample	Total/NA	Solid	6010B	151658
LCSSRM 600-151583/2-A	Lab Control Sample	Total/NA	Solid	6010B	151583
MB 600-151583/1-A	Method Blank	Total/NA	Solid	6010B	151583
MB 600-151658/1-A	Method Blank	Total/NA	Solid	6010B	151658

Analysis Batch: 151762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	7470A	151710
600-103547-1 MS	OT 25563	TCLP	Solid	7470A	151710
600-103547-2	OT 25337	TCLP	Solid	7470A	151710
600-103547-3	OT 25474	TCLP	Solid	7470A	151710
600-103547-3 MS	OT 25474	TCLP	Solid	7470A	151710
600-103547-4	FT 5180	TCLP	Waste	7470A	151710
600-103547-4 MS	FT 5180	TCLP	Waste	7470A	151710
LB 600-151605/1-F	Method Blank	TCLP	Solid	7470A	151710
LB 600-151606/1-F	Method Blank	TCLP	Solid	7470A	151710
LCS 600-151710/8-A ^50	Lab Control Sample	Total/NA	Solid	7470A	151710
MB 600-151710/7-A	Method Blank	Total/NA	Solid	7470A	151710

Analysis Batch: 151873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	TCLP	Solid	6010B	151658
600-103547-1 - DL	OT 25563	Total/NA	Solid	6010B	151672
600-103547-1 DU	OT 25563	TCLP	Solid	6010B	151658
600-103547-1 MS	OT 25563	TCLP	Solid	6010B	151658
600-103547-2	OT 25337	TCLP	Solid	6010B	151658
600-103547-2 - DL	OT 25337	Total/NA	Solid	6010B	151672
600-103547-3	OT 25474	TCLP	Solid	6010B	151658

Metals (Continued)

Analysis Batch: 151873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-3 MS	OT 25474	TCLP	Solid	6010B	151658
LB 600-151605/1-B	Method Blank	TCLP	Solid	6010B	151658
LB 600-151606/1-B	Method Blank	TCLP	Solid	6010B	151658
LCS 600-151658/2-A	Lab Control Sample	Total/NA	Solid	6010B	151658
LCSSRM 600-151583/2-A	Lab Control Sample	Total/NA	Solid	6010B	151583
MB 600-151583/1-A	Method Blank	Total/NA	Solid	6010B	151583
MB 600-151658/1-A	Method Blank	Total/NA	Solid	6010B	151658

General Chemistry

Analysis Batch: 111124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	D1796	
600-103547-1 DU	OT 25563	Total/NA	Solid	D1796	
600-103547-2	OT 25337	Total/NA	Solid	D1796	
600-103547-3	OT 25474	Total/NA	Solid	D1796	
600-103547-4	FT 5180	Total/NA	Waste	D1796	

Analysis Batch: 151608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	D240-87	
600-103547-1 DU	OT 25563	Total/NA	Solid	D240-87	
600-103547-2	OT 25337	Total/NA	Solid	D240-87	
600-103547-3	OT 25474	Total/NA	Solid	D240-87	
600-103547-4	FT 5180	Total/NA	Waste	D240-87	
LCS 600-151608/2	Lab Control Sample	Total/NA	Solid	D240-87	
MB 600-151608/1	Method Blank	Total/NA	Solid	D240-87	

Prep Batch: 151755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	7.3.4	
600-103547-2	OT 25337	Total/NA	Solid	7.3.4	
600-103547-3	OT 25474	Total/NA	Solid	7.3.4	
600-103547-3 DU	OT 25474	Total/NA	Solid	7.3.4	
600-103547-3 MS	OT 25474	Total/NA	Solid	7.3.4	
600-103547-3 MS	OT 25474	Total/NA	Solid	7.3.4	
600-103547-4	FT 5180	Total/NA	Waste	7.3.4	
LCS 600-151755/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
LCS 600-151755/3-A	Lab Control Sample	Total/NA	Waste	7.3.4	
MB 600-151755/1-A	Method Blank	Total/NA	Waste	7.3.4	

Analysis Batch: 151823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	9012	151755
600-103547-2	OT 25337	Total/NA	Solid	9012	151755
600-103547-3	OT 25474	Total/NA	Solid	9012	151755
600-103547-3 DU	OT 25474	Total/NA	Solid	9012	151755
600-103547-3 MS	OT 25474	Total/NA	Solid	9012	151755
600-103547-4	FT 5180	Total/NA	Waste	9012	151755
LCS 600-151755/2-A	Lab Control Sample	Total/NA	Solid	9012	151755

General Chemistry (Continued)

Analysis Batch: 151823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 600-151755/1-A	Method Blank	Total/NA	Waste	9012	151755

Analysis Batch: 151902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	7.4.4	151755
600-103547-2	OT 25337	Total/NA	Solid	7.4.4	151755
600-103547-3	OT 25474	Total/NA	Solid	7.4.4	151755
600-103547-3 DU	OT 25474	Total/NA	Solid	9034	151755
600-103547-3 MS	OT 25474	Total/NA	Solid	9034	151755
600-103547-4	FT 5180	Total/NA	Waste	9034	151755
LCS 600-151755/3-A	Lab Control Sample	Total/NA	Waste	9034	151755
MB 600-151755/1-A	Method Blank	Total/NA	Waste	9034	151755

Analysis Batch: 151939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	D92	
600-103547-2	OT 25337	Total/NA	Solid	D92	
600-103547-2 DU	OT 25337	Total/NA	Solid	D92	
600-103547-3	OT 25474	Total/NA	Solid	D92	
LCS 600-151939/2	Lab Control Sample	Total/NA	Solid	D92	
MB 600-151939/1	Method Blank	Total/NA	Solid	D92	

Analysis Batch: 152056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-4	FT 5180	Total/NA	Waste	1010	
600-103547-4 DU	FT 5180	Total/NA	Waste	1010	
LCS 600-152056/2	Lab Control Sample	Total/NA	Waste	1010	
MB 600-152056/1	Method Blank	Total/NA	Waste	1010	

Analysis Batch: 152057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	9045C	
600-103547-2	OT 25337	Total/NA	Solid	9045C	
600-103547-3	OT 25474	Total/NA	Solid	9045C	
600-103547-4	FT 5180	Total/NA	Waste	9040B	
600-103547-4 DU	FT 5180	Total/NA	Waste	9040B	
LCS 600-152057/1	Lab Control Sample	Total/NA	Waste	9040B	

Prep Batch: 161551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	9023	
600-103547-2	OT 25337	Total/NA	Solid	9023	
600-103547-3	OT 25474	Total/NA	Solid	9023	
600-103547-4	FT 5180	Total/NA	Waste	9023	
LCS 240-161551/4-A	Lab Control Sample	Total/NA	Solid	9023	
MB 240-161551/3-A	Method Blank	Total/NA	Solid	9023	

Analysis Batch: 161706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-1	OT 25563	Total/NA	Solid	9023	161551
600-103547-2	OT 25337	Total/NA	Solid	9023	161551

General Chemistry (Continued)

Analysis Batch: 161706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-103547-3	OT 25474	Total/NA	Solid	9023	161551
600-103547-4	FT 5180	Total/NA	Waste	9023	161551
LCS 240-161551/4-A	Lab Control Sample	Total/NA	Solid	9023	161551
MB 240-161551/3-A	Method Blank	Total/NA	Solid	9023	161551

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25563

Date Collected: 12/11/14 11:37
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			20.9 g	418 mL	110912	12/18/14 15:00	CC56	TAL CC
TCLP	Analysis	8260B		5	5 mL	5 mL	110919	12/19/14 13:26	RP56	TAL CC
Total/NA	Analysis	8260B		1	5 g	5 g	151711	12/16/14 11:23	WS1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	151635	12/15/14 16:10	LER	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	151703	12/16/14 13:10	KP1	TAL HOU
Total/NA	Prep	3546			15.03 g	4.0 mL	151624	12/15/14 08:29	RLK	TAL HOU
Total/NA	Analysis	8270C		20	15.03 g	4.0 mL	151704	12/16/14 08:23	KP1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	10.0 mL	151707	12/16/14 07:46	LER	TAL HOU
TCLP	Analysis	8081A		1	200 mL	10.0 mL	151878	12/17/14 11:21	JAL	TAL HOU
Total/NA	Prep	3546			15.06 g	10 mL	363837	12/18/14 11:58	JMV	TAL SAV
Total/NA	Analysis	8081A		10	15.06 g	10 mL	364145	12/19/14 15:35	JCK	TAL SAV
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	8151A			200 mL	5.0 mL	151691	12/15/14 16:18	SMB	TAL HOU
TCLP	Analysis	8151A		1	200 mL	5.0 mL	151923	12/17/14 20:04	JAL	TAL HOU
Total/NA	Prep	8151A			50.10 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		1	50.10 g	5.00 mL	151898	12/17/14 20:52	JAL	TAL HOU
Total/NA	Prep	8151A			50.10 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		1	50.10 g	5.00 mL	151979	12/18/14 14:16	JAL	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.06 g	10.00 mL	151634	12/15/14 09:16	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	50	10.06 g	10.00 mL	151646	12/15/14 14:09	RJV	TAL HOU
Total/NA	Prep	5050			1.0523 g	250 mL	151607	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	9056		1	1.0523 g	250 mL	151756	12/16/14 14:53	DAW	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151753	12/16/14 12:20	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151873	12/16/14 17:59	DCL	TAL HOU
Total/NA	Prep	3050B			1.07 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B		1	1.07 g	50 mL	151684	12/15/14 19:01	DCL	TAL HOU
Total/NA	Prep	3050B	DL		1.07 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B	DL	10	1.07 g	50 mL	151753	12/16/14 11:17	DCL	TAL HOU
Total/NA	Prep	3050B	DL		1.07 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B	DL	10	1.07 g	50 mL	151873	12/16/14 18:20	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	151710	12/16/14 08:07	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	151762	12/16/14 12:36	SCG	TAL HOU
Total/NA	Prep	7471A			0.66 g	50 mL	151621	12/15/14 08:01	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.66 g	50 mL	151657	12/15/14 12:36	SCG	TAL HOU
Total/NA	Prep	7.3.4			10.01 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.01 g	250 mL	151902	12/17/14 10:52	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.01 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25563

Lab Sample ID: 600-103547-1

Date Collected: 12/11/14 11:37
Matrix: Solid
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9012		1	10.01 g	250 mL	151823	12/16/14 15:52	EAS	TAL HOU
Total/NA	Prep	9023			2.02 g	10 mL	161551	12/18/14 06:07	TPH	TAL CAN
Total/NA	Analysis	9023		1	2.02 g	10 mL	161706	12/18/14 11:11	TPH	TAL CAN
Total/NA	Analysis	9045C		1		20 mL	152057	12/18/14 15:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	25 mL	25 mL	111124	12/24/14 10:00	MIG	TAL CC
Total/NA	Analysis	D240-87		1			151608	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	D92		1			151939	12/17/14 07:30	MJB	TAL HOU

Client Sample ID: OT 25337

Lab Sample ID: 600-103547-2

Date Collected: 12/11/14 11:30
Matrix: Solid
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			20.0 g	400 mL	110912	12/18/14 15:00	CC56	TAL CC
TCLP	Analysis	8260B		5	5 mL	5 mL	110919	12/19/14 13:51	RP56	TAL CC
Total/NA	Analysis	8260B		1	5 g	5 g	151711	12/16/14 17:03	WS1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	151635	12/15/14 16:10	LER	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	151703	12/16/14 14:17	KP1	TAL HOU
Total/NA	Prep	3546			15.03 g	2.0 mL	151624	12/15/14 08:29	RLK	TAL HOU
Total/NA	Analysis	8270C		20	15.03 g	2.0 mL	151704	12/16/14 09:02	KP1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	10.0 mL	151707	12/16/14 07:46	LER	TAL HOU
TCLP	Analysis	8081A		1	200 mL	10.0 mL	151878	12/17/14 12:11	JAL	TAL HOU
Total/NA	Prep	3546			15.02 g	10 mL	363837	12/18/14 11:58	JMV	TAL SAV
Total/NA	Analysis	8081A		10	15.02 g	10 mL	364145	12/19/14 15:50	JCK	TAL SAV
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	8151A			200 mL	5.0 mL	151691	12/15/14 16:18	SMB	TAL HOU
TCLP	Analysis	8151A		1	200 mL	5.0 mL	151923	12/17/14 19:16	JAL	TAL HOU
Total/NA	Prep	8151A			50.02 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		1	50.02 g	5.00 mL	151898	12/17/14 21:19	JAL	TAL HOU
Total/NA	Prep	8151A			50.02 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		1	50.02 g	5.00 mL	151979	12/18/14 14:43	JAL	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.06 g	10.00 mL	151634	12/15/14 09:16	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	5	10.06 g	10.00 mL	151646	12/15/14 20:56	RJV	TAL HOU
Total/NA	Prep	5050			1.0343 g	250 mL	151607	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	9056		1	1.0343 g	250 mL	151756	12/16/14 15:45	DAW	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151753	12/16/14 12:55	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151873	12/16/14 18:18	DCL	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25337

Lab Sample ID: 600-103547-2

Date Collected: 12/11/14 11:30
Matrix: Solid
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.04 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B		1	1.04 g	50 mL	151684	12/15/14 19:03	DCL	TAL HOU
Total/NA	Prep	3050B	DL		1.04 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B	DL	10	1.04 g	50 mL	151753	12/16/14 11:20	DCL	TAL HOU
Total/NA	Prep	3050B	DL		1.04 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B	DL	10	1.04 g	50 mL	151873	12/16/14 18:22	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151605	12/15/14 10:00	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	151710	12/16/14 08:07	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	151762	12/16/14 13:00	SCG	TAL HOU
Total/NA	Prep	7471A			0.61 g	50 mL	151621	12/15/14 08:01	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.61 g	50 mL	151657	12/15/14 12:44	SCG	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.04 g	250 mL	151902	12/17/14 10:52	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.04 g	250 mL	151823	12/16/14 15:52	EAS	TAL HOU
Total/NA	Prep	9023			2.00 g	10 mL	161551	12/18/14 06:09	TPH	TAL CAN
Total/NA	Analysis	9023		1	2.00 g	10 mL	161706	12/18/14 11:22	TPH	TAL CAN
Total/NA	Analysis	9045C		1		20 mL	152057	12/18/14 15:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	25 mL	25 mL	111124	12/24/14 10:00	MIG	TAL CC
Total/NA	Analysis	D240-87		1			151608	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	D92		1			151939	12/17/14 07:30	MJB	TAL HOU

Client Sample ID: OT 25474

Lab Sample ID: 600-103547-3

Date Collected: 12/11/14 11:54
Matrix: Solid
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			20.0 g	400 mL	110912	12/18/14 15:00	CC56	TAL CC
TCLP	Analysis	8260B		5	5 mL	5 mL	110919	12/19/14 14:16	RP56	TAL CC
Total/NA	Analysis	8260B		100	5 g	5 g	151711	12/16/14 17:27	WS1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	151635	12/15/14 16:10	LER	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	151703	12/16/14 15:24	KP1	TAL HOU
Total/NA	Prep	3546			15.07 g	1.0 mL	151624	12/15/14 08:29	RLK	TAL HOU
Total/NA	Analysis	8270C		10	15.07 g	1.0 mL	151704	12/16/14 09:40	KP1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	10.0 mL	151707	12/16/14 07:46	LER	TAL HOU
TCLP	Analysis	8081A		1	200 mL	10.0 mL	151878	12/17/14 12:35	JAL	TAL HOU
Total/NA	Prep	3546			15.06 g	10 mL	363837	12/18/14 11:58	JMV	TAL SAV
Total/NA	Analysis	8081A		10	15.06 g	10 mL	364145	12/19/14 16:04	JCK	TAL SAV
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	8151A			200 mL	5.0 mL	151691	12/15/14 16:18	SMB	TAL HOU
TCLP	Analysis	8151A		1	200 mL	5.0 mL	151923	12/17/14 20:51	JAL	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: OT 25474

Lab Sample ID: 600-103547-3

Date Collected: 12/11/14 11:54
Matrix: Solid
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			50.02 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		5	50.02 g	5.00 mL	151898	12/17/14 21:45	JAL	TAL HOU
Total/NA	Prep	8151A			50.02 g	5.00 mL	151732	12/16/14 10:16	MRA	TAL HOU
Total/NA	Analysis	8151A		5	50.02 g	5.00 mL	151979	12/18/14 15:15	JAL	TAL HOU
Total/NA	Prep	TX_1005_S_Prep			10.03 g	10.00 mL	151634	12/15/14 09:16	NVP	TAL HOU
Total/NA	Analysis	TX 1005		1	10.03 g	10.00 mL	151646	12/15/14 21:33	RJV	TAL HOU
Total/NA	Prep	5050			1.0283 g	250 mL	151607	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	9056		1	1.0283 g	250 mL	151756	12/16/14 16:03	DAW	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151753	12/16/14 12:27	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151873	12/16/14 18:05	DCL	TAL HOU
Total/NA	Prep	3050B			1.05 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B		1	1.05 g	50 mL	151684	12/15/14 19:05	DCL	TAL HOU
Total/NA	Prep	3050B	DL		1.05 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B	DL	2	1.05 g	50 mL	151753	12/16/14 11:22	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	151710	12/16/14 08:07	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	151762	12/16/14 12:45	SCG	TAL HOU
Total/NA	Prep	7471A			0.63 g	50 mL	151621	12/15/14 08:01	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.63 g	50 mL	151657	12/15/14 12:46	SCG	TAL HOU
Total/NA	Prep	7.3.4			10.07 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	7.4.4		1	10.07 g	250 mL	151902	12/17/14 10:52	EAS	TAL HOU
Total/NA	Prep	7.3.4			10.07 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.07 g	250 mL	151823	12/16/14 15:52	EAS	TAL HOU
Total/NA	Prep	9023			2.01 g	10 mL	161551	12/18/14 06:10	TPH	TAL CAN
Total/NA	Analysis	9023		1	2.01 g	10 mL	161706	12/18/14 11:59	TPH	TAL CAN
Total/NA	Analysis	9045C		1		20 mL	152057	12/18/14 15:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	25 mL	25 mL	111124	12/24/14 10:00	MIG	TAL CC
Total/NA	Analysis	D240-87		1			151608	12/12/14 16:30	KRD	TAL HOU
Total/NA	Analysis	D92		1			151939	12/17/14 07:30	MJB	TAL HOU

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-4

Date Collected: 12/11/14 12:15
Matrix: Waste
Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			80 g	80 mL	110905	12/18/14 16:34	CC56	TAL CC
TCLP	Analysis	8260B		20	5 mL	5 mL	110919	12/19/14 15:32	RP56	TAL CC
Total/NA	Analysis	8260B		10	5 mL	5 mL	152106	12/19/14 17:04	PXS	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: FT 5180

Date Collected: 12/11/14 12:15
Date Received: 12/12/14 13:05

Lab Sample ID: 600-103547-4

Matrix: Waste

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3510C			200 mL	1.0 mL	151635	12/15/14 16:12	LER	TAL HOU
TCLP	Analysis	8270C		10	200 mL	1.0 mL	151703	12/16/14 16:31	KP1	TAL HOU
Total/NA	Prep	3580A			1.08 g	10.00 mL	151742	12/16/14 10:47	FNC	TAL HOU
Total/NA	Analysis	8270C		1	1.08 g	10.00 mL	151857	12/18/14 08:48	MJT	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3510C			145 mL	10.0 mL	151707	12/16/14 07:46	LER	TAL HOU
TCLP	Analysis	8081A		1	145 mL	10.0 mL	151878	12/17/14 13:25	JAL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	8151A			200 mL	5.0 mL	151691	12/15/14 16:18	SMB	TAL HOU
TCLP	Analysis	8151A		5	200 mL	5.0 mL	151923	12/17/14 22:02	JAL	TAL HOU
Total/NA	Prep	8151A			1.03 g	5.0 mL	151903	12/17/14 10:58	RLK	TAL HOU
Total/NA	Analysis	8151A		1	1.03 g	5.0 mL	151898	12/18/14 00:22	JAL	TAL HOU
Total/NA	Prep	8151A			1.03 g	5.0 mL	151903	12/17/14 10:58	RLK	TAL HOU
Total/NA	Analysis	8151A		1	1.03 g	5.0 mL	151979	12/18/14 15:46	JAL	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.02 g	10.00 mL	151634	12/15/14 09:16	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	5	10.02 g	10.00 mL	151646	12/16/14 07:39	RJV	TAL HOU
Total/NA	Prep	5050			0.64 g	50 mL	217859	01/02/15 07:58	REM	TAL NSH
Total/NA	Analysis	9056A		10	0.64 g	50 mL	218056	01/02/15 14:57	CLN	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	151658	12/15/14 13:06	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	151753	12/16/14 12:35	DCL	TAL HOU
Total/NA	Prep	3050B			1.03 g	50 mL	151672	12/15/14 14:48	NER	TAL HOU
Total/NA	Analysis	6010B		1	1.03 g	50 mL	151684	12/15/14 19:08	DCL	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	151606	12/12/14 19:41	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	151710	12/16/14 08:07	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	151762	12/16/14 12:50	SCG	TAL HOU
Total/NA	Prep	7471A			0.63 g	50 mL	151621	12/15/14 08:01	SCG	TAL HOU
Total/NA	Analysis	7471A		1	0.63 g	50 mL	151657	12/15/14 12:48	SCG	TAL HOU
Total/NA	Analysis	1010		1			152056	12/18/14 10:45	MJB	TAL HOU
Total/NA	Prep	7.3.4			10.04 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	9012		1	10.04 g	250 mL	151823	12/16/14 15:52	EAS	TAL HOU
Total/NA	Prep	9023			2.03 g	10 mL	161551	12/18/14 06:12	TPH	TAL CAN
Total/NA	Analysis	9023		1	2.03 g	10 mL	161706	12/18/14 12:12	TPH	TAL CAN
Total/NA	Prep	7.3.4			10.04 g	250 mL	151755	12/16/14 10:35	MJB	TAL HOU
Total/NA	Analysis	9034		1	10.04 g	250 mL	151902	12/17/14 10:52	EAS	TAL HOU
Total/NA	Analysis	9040B		1		20 mL	152057	12/18/14 15:10	MJB	TAL HOU
Total/NA	Analysis	D1796		1	25 mL	25 mL	111124	12/24/14 10:00	MIG	TAL CC
Total/NA	Analysis	D240-87		1			151608	12/12/14 16:30	KRD	TAL HOU

Lab Chronicle

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Client Sample ID: FT 5180

Lab Sample ID: 600-103547-5

Date Collected: 12/11/14 12:15

Matrix: Water

Date Received: 12/12/14 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			505.2 mL	5.0 mL	363818	12/18/14 16:45	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		10	505.2 mL	5.0 mL	364153	12/19/14 19:08	JCK	TAL SAV

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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

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 are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
8081A	3510C	Solid	Chlordane (technical)
8081A	3510C	Waste	Chlordane (technical)

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

Analysis Method	Prep Method	Matrix	Analyte
7.4.4	7.3.4	Solid	Sulfide, Reactive
8260B		Solid	1,2-Dichloroethene, Total
9012	7.3.4	Solid	Cyanide, Reactive
9012	7.3.4	Waste	Cyanide, Reactive
9034	7.3.4	Waste	Sulfide, Reactive
D240-87		Solid	BTU
D240-87		Waste	BTU
D92		Solid	Flashpoint
TX 1005	TX_1005_S_Prep	Solid	>C12-C28
TX 1005	TX_1005_S_Prep	Solid	>C28-C35
TX 1005	TX_1005_S_Prep	Solid	C6-C12
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	01-31-15
Kentucky (UST)	State Program	4	58	06-30-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
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
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	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-15

Laboratory: TestAmerica Corpus Christi

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

* Certification renewal pending - certification considered valid.

Certification Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Laboratory: TestAmerica Corpus Christi (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	T104704210	03-31-15

Analysis Method	Prep Method	Matrix	Analyte

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

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Savannah

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

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-15
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-14 *
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-15
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-15
Georgia	State Program	4	803	06-30-15
Guam	State Program	9	09-005r	04-16-15
Hawaii	State Program	9	N/A	06-30-15
Illinois	NELAP	5	200022	11-30-14 *
Indiana	State Program	5	N/A	06-30-15
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14 *
Kentucky (UST)	State Program	4	18	06-30-15
Louisiana	NELAP	6	30690	06-30-15
Louisiana (DW)	NELAP	6	LA140023	12-31-14 *
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-14 *
Massachusetts	State Program	1	M-GA006	06-30-15
Michigan	State Program	5	9925	06-30-15
Mississippi	State Program	4	N/A	06-30-15
Montana	State Program	8	CERT0081	12-31-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15
New Jersey	NELAP	2	GA769	06-30-15
New Mexico	State Program	6	N/A	06-30-15
New York	NELAP	2	10842	03-31-15
North Carolina (DW)	State Program	4	13701	07-31-15

* Certification renewal pending - certification considered valid.

Certification Summary

Client: CB&I Federal Services LLC
Project/Site: OT Roll Offs

TestAmerica Job ID: 600-103547-1

Laboratory: TestAmerica Savannah (Continued)

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

Authority	Program	EPA Region	Certification ID	Expiration Date
North Carolina (WW/SW)	State Program	4	269	12-31-15
Oklahoma	State Program	6	9984	08-31-15
Pennsylvania	NELAP	3	68-00474	06-30-15
Puerto Rico	State Program	2	GA00006	12-31-14 *
South Carolina	State Program	4	98001	06-30-15
Tennessee	State Program	4	TN02961	06-30-15
Texas	NELAP	6	T104704185-14-7	11-30-15
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-15
Washington	State Program	10	C805	06-10-15
West Virginia (DW)	State Program	3	9950C	12-31-14 *
West Virginia DEP	State Program	3	094	06-30-15
Wisconsin	State Program	5	999819810	08-31-15
Wyoming	State Program	8	8TMS-L	06-30-15

* 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

600-103547 Chain of Custody

Client Information	Sampler: Daniel Tighe	Lab PM: Joiner, Dean A	Carrier Tr
Client Contact: ~~Gary Seavey~~ LeRoy Cassidey	Phone: 469.446.8408	E-Mail: dean.joiner@testamericainc.com	
Company: CB&I Environmental & Infrastructure, Inc			Job #: 60005919
Address: ~~1725 Duke Street Suite 400~~ 4904 Griggs Rd	Due Date Requested: 7 TAT ok		
City: ~~Alexandria~~ Houston	TAT Requested (days): 5 WD Level 2		
State, Zip: ~~VA, 22314~~ TX, 77021			
Phone: 469.446.8408 ~~202-261-1933(Tel) 202-261-1955(Fax)~~	PO #: CBI 201241 ~~Purchase Order Requested~~		
Email: LeRoy.cassidey@cbi-federalservices.com ~~gary.seavey@shawgrp.com~~	WO #: Contract EP-S6-07-02 Task Order 62		
Project Name: CES Environmental Service, Inc.– Houston	Project #: 60005919		
Site: OT Roll offs	SSOW#:		

Analysis Requested

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TCLP VOA	TCLP SVOA	TCLP Metals	TCLP Herbicide	TCLP Pesticide	RCI	BTEX, TPH, FOT	Total VOA	Total SVOA	Total Metals + sulfides	Total Herbicide	Total Pesticide	TSS, 20 waters	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		N	N	N	N	N	N		
OT 25403	12.11.14	1137	C	Solid			X	X	X	X	X	X	X	X	X	X	X	X	X		2 containers
OT 25337		1103	C	Solid			X	X	X	X	X	X	X	X	X	X	X	X	X		2 containers
OT 25474		1154	C	Solid			X	X	X	X	X	X	X	X	X	X	X	X	X		2 containers
~~OT 26160 25480~~							~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
FT 5180		1215	C	oily water			X	X	X	X	X	X	X	X	X	X	X	X	X		6 containers

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) TSS only on FT 5180

Special Instructions/QC Requirements: Results Beth.Crawford@cbi-federalservices.com

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Casey	12.12.2014	CB&I	[illegible]	12-12-14 11:00	
[illegible]	12-12-14 13:05		[illegible]	12/12/14 1305	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

TestAmerica Houston

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sa Loc: 600 103547 ipt Checklist

Date/Time Received: _____

JOB NUMBER: _____ CLIENT: CB/E

UNPACKED BY: RR CARRIER/DRIVER: AM / RR

Custody Seal Present: ☑ YES ☐ NO Number of Coolers Received: 1

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Them CF	Corrected Temp (°C)
AM	Y / N	Y / N	2.9	606	-0.8	2.1
	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				
	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:

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-103547-1

Login Number: 103547

List Source: TestAmerica Houston

List Number: 1

Creator: Capps, Dana R

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	2.1
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: 600-103547-1

Login Number: 103547
List Number: 5
Creator: Rood, Vivian R

List Source: TestAmerica Corpus Christi
List Creation: 12/18/14 11:10 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	obs. 1.1°C cr. 1.1°C
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").	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: 600-103547-1

Login Number: 103547
List Number: 6
Creator: Rood, Vivian R

List Source: TestAmerica Corpus Christi
List Creation: 12/18/14 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	obs. 1.1°C Cr.1.1°C ir4
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").	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: 600-103547-1

Login Number: 103547
List Number: 2
Creator: Gambill, Shane

List Source: TestAmerica Nashville
List Creation: 12/17/14 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
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: 600-103547-1

Login Number: 103547
List Number: 3
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 12/17/14 02:49 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?	N/A	
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: 600-103547-1

Login Number: 103547
List Number: 7
Creator: Chamberlain, Kim A

List Source: TestAmerica Savannah
List Creation: 12/19/14 02:54 PM

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