TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 600-112158-1
Client Project/Site: CB&I Federal Services LLC . .– WC

For:
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Attn: Leroy Cassidey

Authorized for release by:
6/4/2015 1:57:54 PM

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9848704

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

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Narrative

Job Narrative
600-112158-1

Comments
No additional comments.

Receipt
The samples were received on 5/27/2015 4:11 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.8º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample duplicate (LCSD) for batch analytical batch 600-163313 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following samples was diluted due to the nature of the sample matrix: OT 25229 05.26.2015 (600-112158-2) and OT 25480 05.26.2015 (600-112158-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Surrogate recovery for the following sample was outside control limits: OT 25229 05.26.2015 (600-112158-2). Evidence of matrix interference is present.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: OT 25229 05.26.2015 (600-112158-2). 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 samples required a dilution due to the nature of the sample matrix: OT 25229 05.26.2015 (600-112158-2) and OT 25480 05.26.2015 (600-112158-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: The following samples was diluted due to the nature of the sample matrix: OT 25229 05.26.2015 (600-112158-2) and OT 25480 05.26.2015 (600-112158-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analyte within the calibration range: FT 1001 05.26.2015 (600-112158-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample required a dilution due to the nature of the sample matrix: FT 1001 05.26.2015 (600-112158-1). 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 laboratory control sample (LCS) for batch 163590 recovered outside control limits for the following analyte: 4-Nitroaniline. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The following sample was diluted due to the nature of the sample matrix: FT 1001 05.26.2015 (600-112158-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analytes within the calibration range: FT 1001 05.26.2015 (600-112158-1). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following samples required a dilution due to the nature of the sample matrix: FT 1001 05.26.2015 (600-112158-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not

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Laboratory: TestAmerica Houston (Continued)

provide useful information.

Method(s) 8270C: Surrogate recovery for the following sample was outside control limits: OT 25229 05.26.2015 (600-112158-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analytes within the calibration range: OT 25229 05.26.2015 (600-112158-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample was diluted to bring the concentration of target analytes within the calibration range: OT 25229 05.26.2015 (600-112158-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following sample required a dilution due to the nature of the sample matrix: OT 25229 05.26.2015 (600-112158-2). 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.

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 samples was diluted due to the nature of the sample matrix: OT 25229 05.26.2015 (600-112158-2) and OT 25480 05.26.2015 (600-112158-3). Elevated reporting limits (RLs) are provided.

Method(s) TX 1005: Surrogate recovery for the following sample was outside control limits: OT 25229 05.26.2015 (600-112158-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) TX 1005: The following sample was diluted due to the nature of the sample matrix: FT 1001 05.26.2015 (600-112158-1). 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, 6010C: The LCSD in batch 252517 was inadvertently double spiked during prep causing the RPD between the LCS and LCSD to be outside control limits. The recoveries for all analytes were within control limits.
(LCSD 490-252517/3-A)

Method(s) 6010B: The leachate blank for Prep Batch 163301 contained Cadmium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The TCLP leachate blank for batch 163301 contained Barium above the reporting limit (RL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated samples were also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

Method(s) 7470A: The method blank for Prep Batch 163485 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The method blank for Prep Batch 163457 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 6010B: The TCLP leachate blank for batch Prep Batch 163404 contained Barium above the reporting limit (RL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated samples were also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

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

General Chemistry
Method(s) 9020B: Breakthrough exceeded 10% for the following sample:FT 1001 05.26.2015 (600-112158-1). Sample duplicate results

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Laboratory: TestAmerica Houston (Continued)

are within 20% RPD requirement. The data have been reported.

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

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

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 163442.

Method(s) 3546: Due to the matrix, the following samples could not be concentrated to the final method required volume: OT 25229 05.26.2015 (600-112158-2) and OT 25480 05.26.2015 (600-112158-3). The reporting limits (RLs) are elevated proportionately.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/DUP) associated with 163569.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 163590.

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

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

Method Summary

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

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Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL HOU
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL HOU
TX 1005	Texas - Total Petroleum Hydrocarbon (GC)	TCEQ	TAL HOU
6010B	Metals (ICP)	SW846	TAL HOU
6010B	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL HOU
9020B	Organic Halides, Total (TOX)	SW846	TAL NSH
9023	Organic Halides, Extractable (EOX)	SW846	TAL CAN
D240-87	Heat of Combustion	ASTM	TAL HOU

Protocol References:

ASTM = ASTM International
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TCEQ = Texas Commission of Environmental Quality

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396
TAL 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 PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

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

TestAmerica Job ID: 600-112158-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-112158-1	FT 1001 05.26.2015	Water	05/26/15 15:37	05/27/15 16:11
600-112158-2	OT 25229 05.26.2015	Solid	05/26/15 15:10	05/27/15 16:11
600-112158-3	OT 25480 05.26.2015	Solid	05/26/15 14:39	05/27/15 16:11

Client Sample Results

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: FT 1001 05.26.2015

Date Collected: 05/26/15 15:37
Date Received: 05/27/15 16:11

Lab Sample ID: 600-112158-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00830	U	0.0100	0.00830	mg/L			06/01/15 03:11	10
Vinyl chloride	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Bromomethane	0.00980	U	0.0100	0.00980	mg/L			06/01/15 03:11	10
Chloroethane	0.00760	U	0.0100	0.00760	mg/L			06/01/15 03:11	10
1,1-Dichloroethene	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
trans-1,2-Dichloroethene	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Acetone	**1.72**		0.250	0.100	mg/L			06/01/15 03:11	10
Carbon disulfide	**0.481**		0.0100	0.00500	mg/L			06/01/15 03:11	10
Methylene Chloride	0.0300	U	0.0500	0.0300	mg/L			06/01/15 03:11	10
Vinyl acetate	0.0200	U	0.250	0.0200	mg/L			06/01/15 03:11	10
cis-1,2-Dichloroethene	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
1,2-Dichloroethene, Total	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
2-Butanone (MEK)	**0.189**	**J**	0.250	0.0260	mg/L			06/01/15 03:11	10
Chlorobromomethane	0.00520	U	0.0100	0.00520	mg/L			06/01/15 03:11	10
Carbon tetrachloride	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Benzene	**0.214**		0.0100	0.00380	mg/L			06/01/15 03:11	10
1,2-Dichloroethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Trichloroethene	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
1,1,1-Trichloroethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
1,1-Dichloroethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
1,2-Dichloropropane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Chloroform	0.00600	U	0.0100	0.00600	mg/L			06/01/15 03:11	10
Bromodichloromethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
cis-1,3-Dichloropropene	0.00500	U	0.0500	0.00500	mg/L			06/01/15 03:11	10
4-Methyl-2-pentanone (MIBK)	**0.0621**	**J**	0.250	0.0180	mg/L			06/01/15 03:11	10
Toluene	**1.42**		0.0100	0.00700	mg/L			06/01/15 03:11	10
trans-1,3-Dichloropropene	0.00500	U	0.0500	0.00500	mg/L			06/01/15 03:11	10
1,1,2-Trichloroethane	0.00500	U	0.0500	0.00500	mg/L			06/01/15 03:11	10
Tetrachloroethene	**0.00775**	**J**	0.0100	0.00580	mg/L			06/01/15 03:11	10
2-Hexanone	0.0310	U	0.250	0.0310	mg/L			06/01/15 03:11	10
Dibromochloromethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
Chlorobenzene	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10
m-Xylene & p-Xylene	**1.12**		0.0500	0.0160	mg/L			06/01/15 03:11	10
Xylenes, Total	**2.68**		0.0500	0.00600	mg/L			06/01/15 03:11	10
o-Xylene	**1.57**		0.0500	0.00600	mg/L			06/01/15 03:11	10
Styrene	**1.20**		0.0100	0.0100	mg/L			06/01/15 03:11	10
Bromoform	0.00710	U	0.0500	0.00710	mg/L			06/01/15 03:11	10
1,1,2,2-Tetrachloroethane	0.00500	U	0.0100	0.00500	mg/L			06/01/15 03:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*67 - 134*		*06/01/15 03:11*	*10*
Dibromofluoromethane	*97*		*81 - 121*		*06/01/15 03:11*	*10*
Toluene-d8 (Surr)	*109*		*80 - 120*		*06/01/15 03:11*	*10*
4-Bromofluorobenzene	*100*		*78 - 118*		*06/01/15 03:11*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**5.97**		0.0200	0.0100	mg/L			06/01/15 19:56	20

Client Sample ID: FT 1001 05.26.2015

Lab Sample ID: 600-112158-1

Date Collected: 05/26/15 15:37

Matrix: Water

Date Received: 05/27/15 16:11

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		67 - 134		06/01/15 19:56	20
Dibromofluoromethane	98		81 - 121		06/01/15 19:56	20
Toluene-d8 (Surr)	107		80 - 120		06/01/15 19:56	20
4-Bromofluorobenzene	99		78 - 118		06/01/15 19:56	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.149**	**J**	0.200	0.0396	mg/L			06/01/15 19:27	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			06/01/15 19:27	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			06/01/15 19:27	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			06/01/15 19:27	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			06/01/15 19:27	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			06/01/15 19:27	1
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			06/01/15 19:27	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			06/01/15 19:27	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			06/01/15 19:27	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			06/01/15 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	114		80 - 120		06/01/15 19:27	1
Toluene-d8 (Surr)	109		80 - 120		06/01/15 19:27	1
4-Bromofluorobenzene (Surr)	95		75 - 120		06/01/15 19:27	1
1,2-Dichloroethane-d4 (Surr)	92		62 - 123		06/01/15 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.114	U	0.500	0.114	mg/L		06/01/15 15:09	06/02/15 17:15	50
Acenaphthylene	0.115	U	0.500	0.115	mg/L		06/01/15 15:09	06/02/15 17:15	50
Anthracene	0.125	U	0.500	0.125	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzidine	0.896	U	2.50	0.896	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzo[a]anthracene	0.106	U	0.500	0.106	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzo[b]fluoranthene	0.125	U	0.500	0.125	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzo[k]fluoranthene	0.150	U	0.500	0.150	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzo[g,h,i]perylene	0.106	U	0.500	0.106	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzo[a]pyrene	0.123	U	0.500	0.123	mg/L		06/01/15 15:09	06/02/15 17:15	50
Bis(2-chloroethoxy)methane	0.146	U	0.500	0.146	mg/L		06/01/15 15:09	06/02/15 17:15	50
Bis(2-chloroethyl)ether	0.132	U	0.500	0.132	mg/L		06/01/15 15:09	06/02/15 17:15	50
Bis(2-ethylhexyl) phthalate	0.113	U	0.500	0.113	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Bromophenyl phenyl ether	0.125	U	0.500	0.125	mg/L		06/01/15 15:09	06/02/15 17:15	50
Butyl benzyl phthalate	0.118	U	0.500	0.118	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Chloroaniline	0.106	U	0.500	0.106	mg/L		06/01/15 15:09	06/02/15 17:15	50
2-Chloronaphthalene	0.141	U	0.500	0.141	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Chlorophenyl phenyl ether	0.110	U	0.500	0.110	mg/L		06/01/15 15:09	06/02/15 17:15	50
Carbazole	0.149	U	0.500	0.149	mg/L		06/01/15 15:09	06/02/15 17:15	50
Chrysene	0.103	U	0.500	0.103	mg/L		06/01/15 15:09	06/02/15 17:15	50
Di-n-butyl phthalate	0.105	U	0.500	0.105	mg/L		06/01/15 15:09	06/02/15 17:15	50
Dibenz(a,h)anthracene	0.124	U	0.500	0.124	mg/L		06/01/15 15:09	06/02/15 17:15	50
Dibenzofuran	0.114	U	0.500	0.114	mg/L		06/01/15 15:09	06/02/15 17:15	50
1,2-Dichlorobenzene	0.121	U	0.500	0.121	mg/L		06/01/15 15:09	06/02/15 17:15	50
1,3-Dichlorobenzene	0.132	U	0.500	0.132	mg/L		06/01/15 15:09	06/02/15 17:15	50
1,4-Dichlorobenzene	0.0970	U	0.500	0.0970	mg/L		06/01/15 15:09	06/02/15 17:15	50

Client Sample ID: FT 1001 05.26.2015

Lab Sample ID: 600-112158-1

Date Collected: 05/26/15 15:37

Matrix: Water

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	0.119	U	0.500	0.119	mg/L		06/01/15 15:09	06/02/15 17:15	50
Diethyl phthalate	0.130	U	0.500	0.130	mg/L		06/01/15 15:09	06/02/15 17:15	50
Dimethyl phthalate	0.124	U	0.500	0.124	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4-Dinitrotoluene	0.106	U	0.500	0.106	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,6-Dinitrotoluene	0.140	U	0.500	0.140	mg/L		06/01/15 15:09	06/02/15 17:15	50
Di-n-octyl phthalate	0.0935	U	0.500	0.0935	mg/L		06/01/15 15:09	06/02/15 17:15	50
Fluoranthene	0.122	U	0.500	0.122	mg/L		06/01/15 15:09	06/02/15 17:15	50
Fluorene	0.106	U	0.500	0.106	mg/L		06/01/15 15:09	06/02/15 17:15	50
Hexachlorobenzene	0.164	U	0.500	0.164	mg/L		06/01/15 15:09	06/02/15 17:15	50
Hexachlorocyclopentadiene	0.116	U	0.500	0.116	mg/L		06/01/15 15:09	06/02/15 17:15	50
Hexachloroethane	0.165	U	0.500	0.165	mg/L		06/01/15 15:09	06/02/15 17:15	50
Hexachlorobutadiene	0.129	U	0.500	0.129	mg/L		06/01/15 15:09	06/02/15 17:15	50
Indeno[1,2,3-cd]pyrene	0.155	U	0.500	0.155	mg/L		06/01/15 15:09	06/02/15 17:15	50
Isophorone	0.132	U	0.500	0.132	mg/L		06/01/15 15:09	06/02/15 17:15	50
2-Methylnaphthalene	**0.218**	**J**	0.500	0.129	mg/L		06/01/15 15:09	06/02/15 17:15	50
Naphthalene	**0.336**	**J**	0.500	0.110	mg/L		06/01/15 15:09	06/02/15 17:15	50
2-Nitroaniline	0.190	U	0.500	0.190	mg/L		06/01/15 15:09	06/02/15 17:15	50
3-Nitroaniline	0.0925	U	0.500	0.0925	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Nitroaniline	0.117	U *	0.500	0.117	mg/L		06/01/15 15:09	06/02/15 17:15	50
Nitrobenzene	0.130	U	0.500	0.130	mg/L		06/01/15 15:09	06/02/15 17:15	50
N-Nitrosodimethylamine	0.0695	U	0.500	0.0695	mg/L		06/01/15 15:09	06/02/15 17:15	50
N-Nitrosodiphenylamine	0.101	U	0.500	0.101	mg/L		06/01/15 15:09	06/02/15 17:15	50
N-Nitrosodi-n-propylamine	0.160	U	0.500	0.160	mg/L		06/01/15 15:09	06/02/15 17:15	50
Phenanthrene	0.112	U	0.500	0.112	mg/L		06/01/15 15:09	06/02/15 17:15	50
Pyrene	0.150	U	0.500	0.150	mg/L		06/01/15 15:09	06/02/15 17:15	50
1,2,4-Trichlorobenzene	0.103	U	0.500	0.103	mg/L		06/01/15 15:09	06/02/15 17:15	50
Benzyl alcohol	0.0990	U	0.500	0.0990	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Chloro-3-methylphenol	0.0985	U	0.500	0.0985	mg/L		06/01/15 15:09	06/02/15 17:15	50
2-Chlorophenol	0.110	U	0.500	0.110	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4-Dichlorophenol	0.108	U	0.500	0.108	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4-Dimethylphenol	**1.73**		0.500	0.0970	mg/L		06/01/15 15:09	06/02/15 17:15	50
4,6-Dinitro-2-methylphenol	0.168	U	0.500	0.168	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4-Dinitrophenol	0.273	U	0.500	0.273	mg/L		06/01/15 15:09	06/02/15 17:15	50
2-Nitrophenol	0.105	U	0.500	0.105	mg/L		06/01/15 15:09	06/02/15 17:15	50
4-Nitrophenol	0.140	U	0.500	0.140	mg/L		06/01/15 15:09	06/02/15 17:15	50
Pentachlorophenol	0.158	U	0.500	0.158	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4,5-Trichlorophenol	0.210	U	0.500	0.210	mg/L		06/01/15 15:09	06/02/15 17:15	50
2,4,6-Trichlorophenol	0.166	U	0.500	0.166	mg/L		06/01/15 15:09	06/02/15 17:15	50
bis (2-Chloroisopropyl) ether	0.146	U	0.500	0.146	mg/L		06/01/15 15:09	06/02/15 17:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*24 - 150*	*06/01/15 15:09*	*06/02/15 17:15*	*50*
2-Fluorophenol	*0*	*X*	*10 - 130*	*06/01/15 15:09*	*06/02/15 17:15*	*50*
2-Fluorobiphenyl	*0*	*X*	*38 - 133*	*06/01/15 15:09*	*06/02/15 17:15*	*50*
2,4,6-Tribromophenol	*0*	*X*	*19 - 150*	*06/01/15 15:09*	*06/02/15 17:15*	*50*
Terphenyl-d14	*0*	*X*	*35 - 150*	*06/01/15 15:09*	*06/02/15 17:15*	*50*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*	*06/01/15 15:09*	*06/02/15 17:15*	*50*

Client Sample Results

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: FT 1001 05.26.2015

Date Collected: 05/26/15 15:37
Date Received: 05/27/15 16:11

Lab Sample ID: 600-112158-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	**5.55**		1.00	0.142	mg/L		06/01/15 15:09	06/03/15 08:09	100
3 & 4 Methylphenol	**4.46**		1.00	0.135	mg/L		06/01/15 15:09	06/03/15 08:09	100
Phenol	**3.89**		1.00	0.125	mg/L		06/01/15 15:09	06/03/15 08:09	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*24 - 150*	*06/01/15 15:09*	*06/03/15 08:09*	*100*
2-Fluorophenol	*0*	*X*	*10 - 130*	*06/01/15 15:09*	*06/03/15 08:09*	*100*
2-Fluorobiphenyl	*0*	*X*	*38 - 133*	*06/01/15 15:09*	*06/03/15 08:09*	*100*
2,4,6-Tribromophenol	*0*	*X*	*19 - 150*	*06/01/15 15:09*	*06/03/15 08:09*	*100*
Terphenyl-d14	*0*	*X*	*35 - 150*	*06/01/15 15:09*	*06/03/15 08:09*	*100*
Phenol-d5 (Surr)	*0*	*X*	*10 - 130*	*06/01/15 15:09*	*06/03/15 08:09*	*100*

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		05/29/15 13:53	06/02/15 02:28	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		05/29/15 13:53	06/02/15 02:28	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		05/29/15 13:53	06/02/15 02:28	1
2,4,6-Trichlorophenol	**0.0131**	**J**	0.0500	0.0129	mg/L		05/29/15 13:53	06/02/15 02:28	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		05/29/15 13:53	06/02/15 02:28	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		05/29/15 13:53	06/02/15 02:28	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		05/29/15 13:53	06/02/15 02:28	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		05/29/15 13:53	06/02/15 02:28	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		05/29/15 13:53	06/02/15 02:28	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		05/29/15 13:53	06/02/15 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*82*		*35 - 130*	*05/29/15 13:53*	*06/02/15 02:28*	*1*
2-Fluorophenol	*76*		*10 - 130*	*05/29/15 13:53*	*06/02/15 02:28*	*1*
2-Fluorobiphenyl	*83*		*41 - 130*	*05/29/15 13:53*	*06/02/15 02:28*	*1*
2,4,6-Tribromophenol	*104*		*12 - 138*	*05/29/15 13:53*	*06/02/15 02:28*	*1*
Terphenyl-d14	*92*		*43 - 130*	*05/29/15 13:53*	*06/02/15 02:28*	*1*
Phenol-d5 (Surr)	*69*		*10 - 130*	*05/29/15 13:53*	*06/02/15 02:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	**1.11**		0.500	0.0905	mg/L		05/29/15 13:53	06/02/15 10:30	10
3 & 4 Methylphenol	**0.849**	**J**	1.00	0.0940	mg/L		05/29/15 13:53	06/02/15 10:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*83*		*35 - 130*	*05/29/15 13:53*	*06/02/15 10:30*	*10*
2-Fluorophenol	*65*		*10 - 130*	*05/29/15 13:53*	*06/02/15 10:30*	*10*
2-Fluorobiphenyl	*85*		*41 - 130*	*05/29/15 13:53*	*06/02/15 10:30*	*10*
2,4,6-Tribromophenol	*113*		*12 - 138*	*05/29/15 13:53*	*06/02/15 10:30*	*10*
Terphenyl-d14	*98*		*43 - 130*	*05/29/15 13:53*	*06/02/15 10:30*	*10*
Phenol-d5 (Surr)	*65*		*10 - 130*	*05/29/15 13:53*	*06/02/15 10:30*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**47.0**		8.38	3.48	mg/L		06/01/15 12:50	06/02/15 12:25	5
>C12-C28	**129**		8.38	4.02	mg/L		06/01/15 12:50	06/02/15 12:25	5
>C28-C35	**21.0**		8.38	4.02	mg/L		06/01/15 12:50	06/02/15 12:25	5

Client Sample ID: FT 1001 05.26.2015

Lab Sample ID: 600-112158-1
Date Collected: 05/26/15 15:37
Matrix: Water
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C35	197		8.38	3.48	mg/L		06/01/15 12:50	06/02/15 12:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*120*		*70 - 130*	*06/01/15 12:50*	*06/02/15 12:25*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0414	*	0.0100	0.00720	mg/L		05/31/15 10:29	06/02/15 00:13	1
Barium	0.950	*	0.0100	0.00500	mg/L		05/31/15 10:29	06/02/15 00:13	1
Cadmium	0.00160	*	0.00100	0.000500	mg/L		05/31/15 10:29	06/02/15 15:58	1
Chromium	0.107	*	0.00500	0.00300	mg/L		05/31/15 10:29	06/02/15 15:58	1
Lead	0.114	*	0.00500	0.00200	mg/L		05/31/15 10:29	06/02/15 00:13	1
Selenium	0.00640	J *	0.0100	0.00500	mg/L		05/31/15 10:29	06/02/15 00:13	1
Silver	0.00340	J	0.00500	0.00250	mg/L		05/31/15 10:29	06/02/15 00:13	1
Sulfur	854		1.25	0.500	mg/L		05/31/15 10:29	06/02/15 00:18	5

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		05/28/15 15:29	05/29/15 15:39	1
Barium	0.175	J B	0.200	0.0220	mg/L		05/28/15 15:29	05/29/15 15:39	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		05/28/15 15:29	05/29/15 15:39	1
Chromium	0.0155	U	0.100	0.0155	mg/L		05/28/15 15:29	05/29/15 15:39	1
Lead	0.0290	U	0.100	0.0290	mg/L		05/28/15 15:29	05/29/15 15:39	1
Selenium	0.0417	U	0.400	0.0417	mg/L		05/28/15 15:29	05/29/15 15:39	1
Silver	0.0125	U	0.100	0.0125	mg/L		05/28/15 15:29	05/29/15 15:39	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000184	J B	0.000200	0.0000820	mg/L		05/29/15 19:08	06/01/15 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Total Organic	5.86		1.50	0.750	mg/L			06/03/15 17:02	50
BTU	500	U	500	500	BTU/lb			05/28/15 14:30	1

Client Sample ID: OT 25229 05.26.2015

Lab Sample ID: 600-112158-2
Date Collected: 05/26/15 15:10
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.721		0.0490	0.00618	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Bromodichloromethane	0.00647	U	0.0490	0.00647	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Bromoform	0.0134	U	0.0490	0.0134	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Bromomethane	0.00814	U	0.0980	0.00814	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
2-Butanone (MEK)	0.389		0.0980	0.0186	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Carbon disulfide	0.326		0.0980	0.00539	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Carbon tetrachloride	0.0111	U	0.0490	0.0111	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Chlorobenzene	0.0743		0.0490	0.00941	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Chlorobromomethane	0.0175	U	0.0490	0.0175	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Chloroethane	0.0137	U	0.0980	0.0137	mg/Kg		05/28/15 11:00	05/28/15 13:51	1

Client Sample ID: OT 25229 05.26.2015

Lab Sample ID: 600-112158-2

Date Collected: 05/26/15 15:10

Matrix: Solid

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	**0.0316**	**J**	0.0490	0.00647	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Chloromethane	0.0163	U *	0.0980	0.0163	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
cis-1,2-Dichloroethene	0.00814	U	0.0490	0.00814	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
cis-1,3-Dichloropropene	0.00529	U	0.0490	0.00529	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Dibromochloromethane	0.00922	U	0.0490	0.00922	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,1-Dichloroethane	0.00853	U	0.0490	0.00853	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,2-Dichloroethane	0.00882	U	0.0490	0.00882	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,1-Dichloroethene	0.0120	U	0.0490	0.0120	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,2-Dichloroethene, Total	0.0186	U	0.0980	0.0186	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,2-Dichloropropane	0.00696	U	0.0490	0.00696	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
2-Hexanone	0.00990	U	0.0980	0.00990	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Methylene Chloride	**0.467**		0.0980	0.0215	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
4-Methyl-2-pentanone (MIBK)	**0.617**		0.0980	0.0144	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Styrene	**0.385**		0.0490	0.00696	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,1,2,2-Tetrachloroethane	0.00853	U	0.0490	0.00853	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Tetrachloroethene	0.00696	U	0.0490	0.00696	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
trans-1,2-Dichloroethene	0.0112	U	0.0490	0.0112	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
trans-1,3-Dichloropropene	0.00569	U	0.0490	0.00569	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,1,1-Trichloroethane	0.00725	U	0.0490	0.00725	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
1,1,2-Trichloroethane	0.00716	U	0.392	0.00716	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Trichloroethene	0.0137	U	0.0490	0.0137	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Vinyl acetate	**0.0787**	**J**	0.0980	0.00912	mg/Kg		05/28/15 11:00	05/28/15 13:51	1
Vinyl chloride	0.00882	U	0.0980	0.00882	mg/Kg		05/28/15 11:00	05/28/15 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*57 - 140*	*05/28/15 11:00*	*05/28/15 13:51*	*1*
Dibromofluoromethane	*34*	*X*	*68 - 140*	*05/28/15 11:00*	*05/28/15 13:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*75*		*61 - 130*	*05/28/15 11:00*	*05/28/15 13:51*	*1*
Toluene-d8 (Surr)	*67*		*50 - 130*	*05/28/15 11:00*	*05/28/15 13:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.45**		1.25	0.208	mg/Kg		05/27/15 18:00	05/28/15 18:11	1
Toluene	**11.8**		0.625	0.173	mg/Kg		05/27/15 18:00	05/28/15 18:11	1
o-Xylene	**13.2**		0.625	0.141	mg/Kg		05/27/15 18:00	05/28/15 18:11	1
Ethylbenzene	**8.82**		0.625	0.128	mg/Kg		05/27/15 18:00	05/28/15 18:11	1
Xylenes, Total	**36.0**		0.625	0.141	mg/Kg		05/27/15 18:00	05/28/15 18:11	1
m-Xylene & p-Xylene	**22.8**		0.625	0.190	mg/Kg		05/27/15 18:00	05/28/15 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*61 - 130*	*05/27/15 18:00*	*05/28/15 18:11*	*1*
Dibromofluoromethane	*76*		*68 - 140*	*05/27/15 18:00*	*05/28/15 18:11*	*1*
Toluene-d8 (Surr)	*122*		*50 - 130*	*05/27/15 18:00*	*05/28/15 18:11*	*1*
4-Bromofluorobenzene	*130*		*57 - 140*	*05/27/15 18:00*	*05/28/15 18:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			06/02/15 12:26	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			06/02/15 12:26	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			06/02/15 12:26	1

Client Sample Results

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: OT 25229 05.26.2015

Lab Sample ID: 600-112158-2
Date Collected: 05/26/15 15:10
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0400**	**J**	0.200	0.0396	mg/L			06/02/15 12:26	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			06/02/15 12:26	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			06/02/15 12:26	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			06/02/15 12:26	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			06/02/15 12:26	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			06/02/15 12:26	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			06/02/15 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/02/15 12:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*67*		*62 - 123*		*06/02/15 12:26*	*1*
4-Bromofluorobenzene (Surr)	*85*		*75 - 120*		*06/02/15 12:26*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*06/02/15 12:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	7.52	U	13.1	7.52	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Acenaphthylene	7.65	U	13.1	7.65	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Anthracene	8.24	U	13.1	8.24	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzidine	0.359	U	63.6	0.359	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzo[a]anthracene	8.24	U	13.1	8.24	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzo[b]fluoranthene	0.769	U	13.1	0.769	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzo[k]fluoranthene	1.17	U	13.1	1.17	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzo[g,h,i]perylene	6.97	U	13.1	6.97	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzo[a]pyrene	7.36	U	13.1	7.36	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Bis(2-chloroethoxy)methane	7.40	U	13.1	7.40	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Bis(2-chloroethyl)ether	1.31	U	13.1	1.31	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Bis(2-ethylhexyl) phthalate	**27.6**		13.1	7.95	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Bromophenyl phenyl ether	7.95	U	13.1	7.95	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Butyl benzyl phthalate	7.98	U	13.1	7.98	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Chloroaniline	2.62	U	13.1	2.62	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Chloronaphthalene	8.54	U	13.1	8.54	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Chlorophenyl phenyl ether	7.89	U	13.1	7.89	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Carbazole	8.10	U	13.1	8.10	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Chrysene	8.02	U	13.1	8.02	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Di-n-butyl phthalate	8.47	U	13.1	8.47	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Dibenz(a,h)anthracene	7.55	U	13.1	7.55	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Dibenzofuran	7.82	U	13.1	7.82	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
1,2-Dichlorobenzene	1.05	U	13.1	1.05	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
1,3-Dichlorobenzene	7.08	U	13.1	7.08	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
1,4-Dichlorobenzene	0.917	U	13.1	0.917	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
3,3'-Dichlorobenzidine	2.53	U	26.2	2.53	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Diethyl phthalate	8.12	U	13.1	8.12	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Dimethyl phthalate	7.94	U	13.1	7.94	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4-Dinitrotoluene	1.31	U	13.1	1.31	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,6-Dinitrotoluene	8.34	U	13.1	8.34	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Di-n-octyl phthalate	8.49	U	13.1	8.49	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Fluoranthene	8.38	U	13.1	8.38	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Fluorene	8.08	U	13.1	8.08	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Hexachlorobenzene	8.28	U	13.1	8.28	mg/Kg		05/29/15 15:37	06/01/15 21:19	20

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Date Collected: 05/26/15 15:10

Matrix: Solid

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.885	U	13.1	0.885	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Hexachloroethane	1.19	U	13.1	1.19	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Hexachlorobutadiene	1.35	U	13.1	1.35	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Indeno[1,2,3-cd]pyrene	7.20	U	13.1	7.20	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Isophorone	7.71	U	13.1	7.71	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Methylnaphthalene	**21.9**		13.1	7.52	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Naphthalene	**15.8**		13.1	0.767	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Nitroaniline	7.74	U	63.6	7.74	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
3-Nitroaniline	8.42	U	63.6	8.42	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Nitroaniline	7.17	U	63.6	7.17	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Nitrobenzene	1.88	U	13.1	1.88	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
N-Nitrosodimethylamine	3.80	U	13.1	3.80	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
N-Nitrosodiphenylamine	1.25	U	13.1	1.25	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
N-Nitrosodi-n-propylamine	1.14	U	13.1	1.14	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Phenanthrene	**9.66**	**J**	13.1	8.07	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Pyrene	8.78	U	13.1	8.78	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
1,2,4-Trichlorobenzene	8.37	U	13.1	8.37	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Benzyl alcohol	2.48	U	13.1	2.48	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Chloro-3-methylphenol	7.64	U	13.1	7.64	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Chlorophenol	0.926	U	13.1	0.926	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Methylphenol	**158**		13.1	1.51	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
3 & 4 Methylphenol	**92.7**		26.2	1.20	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4-Dichlorophenol	7.26	U	13.1	7.26	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4-Dimethylphenol	**119**		13.1	2.53	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4,6-Dinitro-2-methylphenol	8.22	U	63.6	8.22	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4-Dinitrophenol	5.09	U	63.6	5.09	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2-Nitrophenol	7.15	U	13.1	7.15	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
4-Nitrophenol	7.15	U	63.6	7.15	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Pentachlorophenol	0.880	U	63.6	0.880	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
Phenol	**32.8**		13.1	1.49	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4,5-Trichlorophenol	2.47	U	13.1	2.47	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
2,4,6-Trichlorophenol	7.16	U	13.1	7.16	mg/Kg		05/29/15 15:37	06/01/15 21:19	20
bis (2-Chloroisopropyl) ether	1.38	U	13.1	1.38	mg/Kg		05/29/15 15:37	06/01/15 21:19	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*10 - 150*	*05/29/15 15:37*	*06/01/15 21:19*	*20*
2-Fluorophenol	*0*	*X*	*25 - 132*	*05/29/15 15:37*	*06/01/15 21:19*	*20*
2-Fluorobiphenyl	*0*	*X*	*38 - 130*	*05/29/15 15:37*	*06/01/15 21:19*	*20*
2,4,6-Tribromophenol	*0*	*X*	*10 - 148*	*05/29/15 15:37*	*06/01/15 21:19*	*20*
Terphenyl-d14	*0*	*X*	*53 - 134*	*05/29/15 15:37*	*06/01/15 21:19*	*20*
Phenol-d5 (Surr)	*0*	*X*	*27 - 123*	*05/29/15 15:37*	*06/01/15 21:19*	*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 F1	0.0500	0.00890	mg/L		06/01/15 11:26	06/02/15 17:56	1
2,4-Dinitrotoluene	0.0132	U F1	0.0500	0.0132	mg/L		06/01/15 11:26	06/02/15 17:56	1
2,4,5-Trichlorophenol	0.0136	U F1	0.0500	0.0136	mg/L		06/01/15 11:26	06/02/15 17:56	1
2,4,6-Trichlorophenol	**0.216**	**F1**	0.0500	0.0129	mg/L		06/01/15 11:26	06/02/15 17:56	1
Hexachlorobenzene	0.0130	U F1	0.0500	0.0130	mg/L		06/01/15 11:26	06/02/15 17:56	1
Hexachlorobutadiene	0.0106	U F1	0.0500	0.0106	mg/L		06/01/15 11:26	06/02/15 17:56	1

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Lab Sample ID: 600-112158-2

Date Collected: 05/26/15 15:10

Matrix: Solid

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.0110	U F1	0.0500	0.0110	mg/L		06/01/15 11:26	06/02/15 17:56	1
Nitrobenzene	0.0124	U F1	0.0500	0.0124	mg/L		06/01/15 11:26	06/02/15 17:56	1
Pentachlorophenol	0.0231	U F1	0.250	0.0231	mg/L		06/01/15 11:26	06/02/15 17:56	1
Pyridine	0.0108	U F1	0.0500	0.0108	mg/L		06/01/15 11:26	06/02/15 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*47*		*10 - 130*	*06/01/15 11:26*	*06/02/15 17:56*	*1*
Nitrobenzene-d5	*72*		*35 - 130*	*06/01/15 11:26*	*06/02/15 17:56*	*1*
2-Fluorophenol	*57*		*10 - 130*	*06/01/15 11:26*	*06/02/15 17:56*	*1*
2-Fluorobiphenyl	*77*		*41 - 130*	*06/01/15 11:26*	*06/02/15 17:56*	*1*
2,4,6-Tribromophenol	*88*		*12 - 138*	*06/01/15 11:26*	*06/02/15 17:56*	*1*
Terphenyl-d14	*76*		*43 - 130*	*06/01/15 11:26*	*06/02/15 17:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	**9.01**		1.00	0.181	mg/L		06/01/15 11:26	06/04/15 10:08	20
3 & 4 Methylphenol	**8.01**		2.00	0.188	mg/L		06/01/15 11:26	06/04/15 10:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*0*	*X*	*10 - 130*	*06/01/15 11:26*	*06/04/15 10:08*	*20*
Nitrobenzene-d5	*0*	*X*	*35 - 130*	*06/01/15 11:26*	*06/04/15 10:08*	*20*
2-Fluorophenol	*0*	*X*	*10 - 130*	*06/01/15 11:26*	*06/04/15 10:08*	*20*
2-Fluorobiphenyl	*0*	*X*	*41 - 130*	*06/01/15 11:26*	*06/04/15 10:08*	*20*
2,4,6-Tribromophenol	*0*	*X*	*12 - 138*	*06/01/15 11:26*	*06/04/15 10:08*	*20*
Terphenyl-d14	*0*	*X*	*43 - 130*	*06/01/15 11:26*	*06/04/15 10:08*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**932**		99.6	37.8	mg/Kg		05/28/15 11:54	05/29/15 08:31	10
>C12-C28	**9620**		99.6	40.4	mg/Kg		05/28/15 11:54	05/29/15 08:31	10
>C28-C35	**1540**		99.6	40.4	mg/Kg		05/28/15 11:54	05/29/15 08:31	10
C6-C35	**12100**		99.6	37.8	mg/Kg		05/28/15 11:54	05/29/15 08:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*139*	*X*	*70 - 130*	*05/28/15 11:54*	*05/29/15 08:31*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.92**		1.92	0.862	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Barium	**646**		1.92	1.53	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Cadmium	**1.34**		0.958	0.0958	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Chromium	**102**		0.958	0.575	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Lead	**30.0**		0.958	0.479	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Selenium	**52.6**		1.92	0.958	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Silver	**1.61**		0.958	0.479	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Sodium	**1270**		192	95.8	mg/Kg		05/29/15 13:42	06/01/15 15:55	1
Sulfur	**12000**		47.9	19.2	mg/Kg		05/29/15 13:42	06/01/15 15:55	1

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		05/29/15 14:42	06/02/15 12:49	1

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Date Collected: 05/26/15 15:10
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		05/29/15 14:42	06/02/15 12:49	1
Barium	**0.647**	**B**	0.200	0.0220	mg/L		05/29/15 14:42	06/02/15 12:49	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		05/29/15 14:42	06/02/15 12:49	1
Chromium	0.0155	U	0.100	0.0155	mg/L		05/29/15 14:42	06/02/15 12:49	1
Lead	0.0290	U	0.100	0.0290	mg/L		05/29/15 14:42	06/02/15 12:49	1
Selenium	0.0417	U	0.400	0.0417	mg/L		05/29/15 14:42	06/02/15 12:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000215**	**B**	0.000200	0.0000820	mg/L		06/02/15 07:47	06/02/15 13:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	**106**	**J**	202	34.3	mg/Kg		06/03/15 06:15	06/03/15 10:57	1

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3
Date Collected: 05/26/15 14:39
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00166	U	0.00998	0.00166	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Benzene	0.000629	U	0.00499	0.000629	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Bromodichloromethane	0.000659	U	0.00499	0.000659	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Bromoform	0.00137	U	0.00499	0.00137	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Bromomethane	0.000828	U	0.00998	0.000828	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
2-Butanone (MEK)	0.00190	U	0.00998	0.00190	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Carbon disulfide	**0.00204**	**J**	0.00998	0.000549	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Carbon tetrachloride	0.00113	U	0.00499	0.00113	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Chlorobenzene	0.000958	U	0.00499	0.000958	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Chlorobromomethane	0.00178	U	0.00499	0.00178	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Chloroethane	0.00140	U	0.00998	0.00140	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Chloroform	0.000659	U	0.00499	0.000659	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Chloromethane	0.00166	U *	0.00998	0.00166	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
cis-1,2-Dichloroethene	0.000828	U	0.00499	0.000828	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
cis-1,3-Dichloropropene	0.000539	U	0.00499	0.000539	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Dibromochloromethane	0.000938	U	0.00499	0.000938	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,1-Dichloroethane	0.000868	U	0.00499	0.000868	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,2-Dichloroethane	0.000898	U	0.00499	0.000898	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,1-Dichloroethene	0.00122	U	0.00499	0.00122	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,2-Dichloroethene, Total	0.00190	U	0.00998	0.00190	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,2-Dichloropropane	0.000709	U	0.00499	0.000709	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Ethylbenzene	**0.00287**	**J**	0.00499	0.00102	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
2-Hexanone	0.00101	U	0.00998	0.00101	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Methylene Chloride	**0.00864**	**J**	0.00998	0.00219	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
4-Methyl-2-pentanone (MIBK)	0.00147	U	0.00998	0.00147	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
m-Xylene & p-Xylene	0.00152	U	0.00499	0.00152	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
o-Xylene	0.00113	U	0.00499	0.00113	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Styrene	0.000709	U	0.00499	0.000709	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,1,2,2-Tetrachloroethane	0.000868	U	0.00499	0.000868	mg/Kg		05/28/15 14:40	05/28/15 14:59	1

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3
Date Collected: 05/26/15 14:39
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000709	U	0.00499	0.000709	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Toluene	**0.00748**		0.00499	0.00138	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
trans-1,2-Dichloroethene	0.00114	U	0.00499	0.00114	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
trans-1,3-Dichloropropene	0.000579	U	0.00499	0.000579	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,1,1-Trichloroethane	0.000739	U	0.00499	0.000739	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
1,1,2-Trichloroethane	0.000729	U	0.0399	0.000729	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Trichloroethene	0.00140	U	0.00499	0.00140	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Vinyl acetate	**0.00235**	**J**	0.00998	0.000928	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Vinyl chloride	0.000898	U	0.00998	0.000898	mg/Kg		05/28/15 14:40	05/28/15 14:59	1
Xylenes, Total	0.00113	U	0.00499	0.00113	mg/Kg		05/28/15 14:40	05/28/15 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*57 - 140*	*05/28/15 14:40*	*05/28/15 14:59*	*1*
Dibromofluoromethane	*79*		*68 - 140*	*05/28/15 14:40*	*05/28/15 14:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 130*	*05/28/15 14:40*	*05/28/15 14:59*	*1*
Toluene-d8 (Surr)	*74*		*50 - 130*	*05/28/15 14:40*	*05/28/15 14:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.0426	U	0.200	0.0426	mg/L			06/01/15 19:03	1
1,2-Dichloroethane	0.0384	U	0.200	0.0384	mg/L			06/01/15 19:03	1
2-Butanone (MEK)	0.0434	U	0.200	0.0434	mg/L			06/01/15 19:03	1
Benzene	0.0396	U	0.200	0.0396	mg/L			06/01/15 19:03	1
Carbon tetrachloride	0.0433	U	0.200	0.0433	mg/L			06/01/15 19:03	1
Chlorobenzene	0.0210	U	0.200	0.0210	mg/L			06/01/15 19:03	1
Chloroform	0.0403	U	0.200	0.0403	mg/L			06/01/15 19:03	1
Tetrachloroethene	0.0330	U	0.200	0.0330	mg/L			06/01/15 19:03	1
Trichloroethene	0.0320	U	0.200	0.0320	mg/L			06/01/15 19:03	1
Vinyl chloride	0.0516	U	0.200	0.0516	mg/L			06/01/15 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/01/15 19:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*62 - 123*		*06/01/15 19:03*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*06/01/15 19:03*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*06/01/15 19:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	9.44	U	16.5	9.44	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Acenaphthylene	9.61	U	16.5	9.61	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Anthracene	10.3	U	16.5	10.3	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzidine	0.450	U	79.8	0.450	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzo[a]anthracene	10.3	U	16.5	10.3	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzo[b]fluoranthene	0.965	U	16.5	0.965	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzo[k]fluoranthene	1.47	U	16.5	1.47	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzo[g,h,i]perylene	8.75	U	16.5	8.75	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzo[a]pyrene	9.24	U	16.5	9.24	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Bis(2-chloroethoxy)methane	9.29	U	16.5	9.29	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Bis(2-chloroethyl)ether	1.65	U	16.5	1.65	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Bis(2-ethylhexyl) phthalate	**122**		16.5	9.98	mg/Kg		05/29/15 15:37	06/01/15 21:50	20

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Lab Sample ID: 600-112158-3

Date Collected: 05/26/15 14:39

Matrix: Solid

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	9.98	U	16.5	9.98	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Butyl benzyl phthalate	10.0	U	16.5	10.0	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
4-Chloroaniline	3.29	U	16.5	3.29	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Chloronaphthalene	10.7	U	16.5	10.7	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
4-Chlorophenyl phenyl ether	9.90	U	16.5	9.90	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Carbazole	10.2	U	16.5	10.2	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Chrysene	10.1	U	16.5	10.1	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Di-n-butyl phthalate	10.6	U	16.5	10.6	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Dibenz(a,h)anthracene	9.47	U	16.5	9.47	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Dibenzofuran	9.81	U	16.5	9.81	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
1,2-Dichlorobenzene	1.31	U	16.5	1.31	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
1,3-Dichlorobenzene	8.89	U	16.5	8.89	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
1,4-Dichlorobenzene	1.15	U	16.5	1.15	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
3,3'-Dichlorobenzidine	3.17	U	32.9	3.17	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Diethyl phthalate	10.2	U	16.5	10.2	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Dimethyl phthalate	9.97	U	16.5	9.97	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4-Dinitrotoluene	1.64	U	16.5	1.64	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,6-Dinitrotoluene	10.5	U	16.5	10.5	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Di-n-octyl phthalate	10.7	U	16.5	10.7	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Fluoranthene	10.5	U	16.5	10.5	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Fluorene	10.1	U	16.5	10.1	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Hexachlorobenzene	10.4	U	16.5	10.4	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Hexachlorocyclopentadiene	1.11	U	16.5	1.11	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Hexachloroethane	1.49	U	16.5	1.49	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Hexachlorobutadiene	1.69	U	16.5	1.69	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Indeno[1,2,3-cd]pyrene	9.03	U	16.5	9.03	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Isophorone	9.67	U	16.5	9.67	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Methylnaphthalene	9.43	U	16.5	9.43	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Naphthalene	**15.0**	**J**	16.5	0.963	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Nitroaniline	9.71	U	79.8	9.71	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
3-Nitroaniline	10.6	U	79.8	10.6	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
4-Nitroaniline	9.00	U	79.8	9.00	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Nitrobenzene	2.37	U	16.5	2.37	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
N-Nitrosodimethylamine	4.76	U	16.5	4.76	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
N-Nitrosodiphenylamine	1.57	U	16.5	1.57	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
N-Nitrosodi-n-propylamine	1.43	U	16.5	1.43	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Phenanthrene	10.1	U	16.5	10.1	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Pyrene	11.0	U	16.5	11.0	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
1,2,4-Trichlorobenzene	10.5	U	16.5	10.5	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Benzyl alcohol	3.11	U	16.5	3.11	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
4-Chloro-3-methylphenol	9.58	U	16.5	9.58	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Chlorophenol	1.16	U	16.5	1.16	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Methylphenol	1.89	U	16.5	1.89	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
3 & 4 Methylphenol	1.50	U	32.9	1.50	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4-Dichlorophenol	9.11	U	16.5	9.11	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4-Dimethylphenol	3.17	U	16.5	3.17	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
4,6-Dinitro-2-methylphenol	10.3	U	79.8	10.3	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4-Dinitrophenol	6.39	U	79.8	6.39	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2-Nitrophenol	8.98	U	16.5	8.98	mg/Kg		05/29/15 15:37	06/01/15 21:50	20

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3

Date Collected: 05/26/15 14:39

Matrix: Solid

Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	8.98	U	79.8	8.98	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Pentachlorophenol	1.10	U	79.8	1.10	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
Phenol	1.86	U	16.5	1.86	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4,5-Trichlorophenol	3.10	U	16.5	3.10	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
2,4,6-Trichlorophenol	8.99	U	16.5	8.99	mg/Kg		05/29/15 15:37	06/01/15 21:50	20
bis (2-Chloroisopropyl) ether	1.73	U	16.5	1.73	mg/Kg		05/29/15 15:37	06/01/15 21:50	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*0*	*X*	*10 - 150*	*05/29/15 15:37*	*06/01/15 21:50*	*20*
2-Fluorophenol	*0*	*X*	*25 - 132*	*05/29/15 15:37*	*06/01/15 21:50*	*20*
2-Fluorobiphenyl	*0*	*X*	*38 - 130*	*05/29/15 15:37*	*06/01/15 21:50*	*20*
2,4,6-Tribromophenol	*0*	*X*	*10 - 148*	*05/29/15 15:37*	*06/01/15 21:50*	*20*
Terphenyl-d14	*0*	*X*	*53 - 134*	*05/29/15 15:37*	*06/01/15 21:50*	*20*
Phenol-d5 (Surr)	*0*	*X*	*27 - 123*	*05/29/15 15:37*	*06/01/15 21:50*	*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		05/29/15 13:53	06/01/15 22:21	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		05/29/15 13:53	06/01/15 22:21	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		05/29/15 13:53	06/01/15 22:21	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		05/29/15 13:53	06/01/15 22:21	1
2-Methylphenol	**0.0126**	**J**	0.0500	0.00905	mg/L		05/29/15 13:53	06/01/15 22:21	1
3 & 4 Methylphenol	**0.0131**	**J**	0.100	0.00940	mg/L		05/29/15 13:53	06/01/15 22:21	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		05/29/15 13:53	06/01/15 22:21	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		05/29/15 13:53	06/01/15 22:21	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		05/29/15 13:53	06/01/15 22:21	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		05/29/15 13:53	06/01/15 22:21	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		05/29/15 13:53	06/01/15 22:21	1
Pyridine	0.0108	U	0.0500	0.0108	mg/L		05/29/15 13:53	06/01/15 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*72*		*10 - 130*	*05/29/15 13:53*	*06/01/15 22:21*	*1*
Nitrobenzene-d5	*90*		*35 - 130*	*05/29/15 13:53*	*06/01/15 22:21*	*1*
2-Fluorophenol	*84*		*10 - 130*	*05/29/15 13:53*	*06/01/15 22:21*	*1*
2-Fluorobiphenyl	*83*		*41 - 130*	*05/29/15 13:53*	*06/01/15 22:21*	*1*
2,4,6-Tribromophenol	*102*		*12 - 138*	*05/29/15 13:53*	*06/01/15 22:21*	*1*
Terphenyl-d14	*87*		*43 - 130*	*05/29/15 13:53*	*06/01/15 22:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	**186**		99.7	37.9	mg/Kg		05/28/15 11:54	05/29/15 09:06	10
>C12-C28	**6610**		99.7	40.5	mg/Kg		05/28/15 11:54	05/29/15 09:06	10
>C28-C35	**3060**		99.7	40.5	mg/Kg		05/28/15 11:54	05/29/15 09:06	10
C6-C35	**9860**		99.7	37.9	mg/Kg		05/28/15 11:54	05/29/15 09:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*104*		*70 - 130*	*05/28/15 11:54*	*05/29/15 09:06*	*10*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.05**		2.00	0.898	mg/Kg		05/29/15 13:44	06/01/15 16:00	1

Client Sample Results

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3

Date Collected: 05/26/15 14:39
Matrix: Solid
Date Received: 05/27/15 16:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**162**		2.00	1.60	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Cadmium	**4.65**		0.998	0.0998	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Chromium	**64.2**		0.998	0.599	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Lead	**57.0**		0.998	0.499	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Selenium	0.998	U	2.00	0.998	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Silver	**26.2**		0.998	0.499	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Sodium	**3540**		200	99.8	mg/Kg		05/29/15 13:44	06/01/15 16:00	1
Sulfur	**9470**		49.9	20.0	mg/Kg		05/29/15 13:44	06/01/15 16:00	1

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		05/28/15 15:29	05/29/15 15:37	1
Arsenic	**0.0350**	**J**	0.100	0.0328	mg/L		05/28/15 15:29	05/29/15 15:37	1
Barium	**0.317**	**B**	0.200	0.0220	mg/L		05/28/15 15:29	05/29/15 15:37	1
Cadmium	**0.00400**	**J B**	0.0500	0.00350	mg/L		05/28/15 15:29	05/29/15 15:37	1
Chromium	0.0155	U	0.100	0.0155	mg/L		05/28/15 15:29	05/29/15 15:37	1
Lead	0.0290	U	0.100	0.0290	mg/L		05/28/15 15:29	05/29/15 15:37	1
Selenium	0.0417	U	0.400	0.0417	mg/L		05/28/15 15:29	05/29/15 15:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000135**	**J B**	0.000200	0.0000820	mg/L		05/29/15 19:08	06/01/15 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	**42.6**	**J**	201	34.2	mg/Kg		06/03/15 06:17	06/03/15 11:14	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
*	LCS or LCSD is outside acceptance limits.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance 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.

Metals

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and 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.
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: CB&I Federal Services LLC . .– WC

TestAmerica Job ID: 600-112158-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(61-130)	(68-140)	(50-130)	(57-140)
600-112158-2 - DL	OT 25229 05.26.2015	108	76	122	130
600-112158-2	OT 25229 05.26.2015	75	34 X	67	96
600-112158-3	OT 25480 05.26.2015	83	79	74	88
LCS 600-163230/1-A	Lab Control Sample	78	97	106	111
LCS 600-163313/4	Lab Control Sample	65	78	73	85
LCSD 600-163230/2-A	Lab Control Sample Dup	76	92	103	111
LCSD 600-163313/5	Lab Control Sample Dup	79	83	77	86
MB 600-163230/3-A	Method Blank	78	90	102	110
MB 600-163313/7	Method Blank	70	81	77	82

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	BFB	12DCE	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(75-120)	(62-123)	(80-120)
LCS 180-143388/11	Lab Control Sample	95	98	94	104
LCS 180-143526/8	Lab Control Sample	95	89	84	99

Surrogate Legend

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

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

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	12DCE	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(62-123)	(75-120)	(80-120)
600-112158-2	OT 25229 05.26.2015	107	67	85	94
600-112158-3	OT 25480 05.26.2015	106	84	91	102
LB 180-143333/12-A	Method Blank	113	75	91	103
LB 180-143333/12-A	Method Blank	106	84	85	97

Surrogate Legend

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

Surrogate Summary

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

TestAmerica Job ID: 600-112158-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(67-134)	(81-121)	(80-120)	(78-118)
600-112158-1	FT 1001 05.26.2015	91	97	109	100
600-112158-1 - DL	FT 1001 05.26.2015	92	98	107	99
LCS 400-259232/1002	Lab Control Sample	101	97	105	103
LCS 400-259251/1002	Lab Control Sample	103	98	104	104
MB 400-259232/4	Method Blank	96	97	101	100
MB 400-259251/4	Method Blank	97	97	104	101

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: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DBFM	TOL	BFB	12DCE
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(75-120)	(62-123)
600-112158-1	FT 1001 05.26.2015	114	109	95	92

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)
600-112158-2	OT 25229 05.26.2015	0 X	0 X	0 X	0 X	0 X	0 X
600-112158-3	OT 25480 05.26.2015	0 X	0 X	0 X	0 X	0 X	0 X
LCS 600-163463/2-A	Lab Control Sample	86	82	84	89	78	81
MB 600-163463/1-A	Method Blank	89	90	90	91	84	92

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: CB&I Federal Services LLC . .– WC

TestAmerica Job ID: 600-112158-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		NBZ	NBZ	2FP	2FP	FBP	FBP	TBP	TBP
Lab Sample ID	Client Sample ID	(10-150)	(35-130)	(10-130)	(25-132)	(38-130)	(41-130)	(10-148)	(12-138)
LCS 600-163442/2-A	Lab Control Sample		97	52			82		93
LCS 600-163569/2-A	Lab Control Sample		86	79			83		89
MB 600-163442/1-A	Method Blank		91	56			79		77
MB 600-163569/1-A	Method Blank		79	79			83		84

		Percent Surrogate Recovery (Acceptance Limits)			
		TPH	TPH	PHL	PHL
Lab Sample ID	Client Sample ID	(43-130)	(53-134)	(10-130)	(27-123)
LCS 600-163442/2-A	Lab Control Sample	102		33	
LCS 600-163569/2-A	Lab Control Sample	84		81	
MB 600-163442/1-A	Method Blank	101		33	
MB 600-163569/1-A	Method Blank	80		81	

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	NBZ	2FP	FBP	TBP	TPH	TPH
Lab Sample ID	Client Sample ID	(10-130)	(35-130)	(10-130)	(41-130)	(12-138)	(43-130)	(43-130)
600-112158-2	OT 25229 05.26.2015	47	72	57	77	88	76	76
600-112158-2 - DL	OT 25229 05.26.2015	0 X	0 X	0 X	0 X	0 X	0 X	0 X
600-112158-2 MS	OT 25229 05.26.2015	13	22 X	12	28 X	29	26 X	26 X
600-112158-3	OT 25480 05.26.2015	72	90	84	83	102	87	87
LB 600-163301/1-D	Method Blank	72	89	83	81	83	105	105
LB 600-163404/1-D	Method Blank	40	66	53	69	89	82	82

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

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(24-150)	(10-130)	(38-133)	(19-150)	(35-150)	(10-130)
600-112158-1	FT 1001 05.26.2015	0 X	0 X	0 X	0 X	0 X	0 X
600-112158-1 - DL	FT 1001 05.26.2015	0 X	0 X	0 X	0 X	0 X	0 X
LCS 600-163590/2-A	Lab Control Sample	99	95	87	89	98	98

Surrogate Summary

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

TestAmerica Job ID: 600-112158-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPH	PHL
Lab Sample ID	Client Sample ID	(24-150)	(10-130)	(38-133)	(19-150)	(35-150)	(10-130)
MB 600-163590/1-A	Method Blank	95	93	81	67	93	87

Surrogate Legend

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

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

Matrix: Water **Prep Type: 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)
600-112158-1	FT 1001 05.26.2015	82	76	83	104	92	69
600-112158-1 - DL	FT 1001 05.26.2015	83	65	85	113	98	65
600-112158-1 MS	FT 1001 05.26.2015	90	78	85	98	84	70

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTPH
Lab Sample ID	Client Sample ID	(70-130)
600-112158-2 - DL	OT 25229 05.26.2015	139 X
600-112158-3 - DL	OT 25480 05.26.2015	104
LCS 600-163327/2-A	Lab Control Sample	88
LCSD 600-163327/3-A	Lab Control Sample Dup	85
MB 600-163327/1-A	Method Blank	90

Surrogate Legend

OTPH = o-Terphenyl

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTPH
Lab Sample ID	Client Sample ID	(70-130)
600-112158-1 - DL	FT 1001 05.26.2015	120

Surrogate Summary

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

TestAmerica Job ID: 600-112158-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**OTPH (70-130)**							
LCS 600-163575/2-A	Lab Control Sample	116							
LCSD 600-163575/3-A	Lab Control Sample Dup	113							
MB 600-163575/1-A	Method Blank	118							

Surrogate Legend

OTPH = o-Terphenyl

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

Lab Sample ID: LCS 180-143388/11
Matrix: Solid
Analysis Batch: 143388

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	0.400	0.3561		mg/L		89	31 - 139
Benzene	0.400	0.4137		mg/L		103	80 - 120
Carbon tetrachloride	0.400	0.4515		mg/L		113	63 - 139
1,2-Dichloroethane	0.400	0.3951		mg/L		99	63 - 140
Chlorobenzene	0.400	0.4499		mg/L		112	83 - 120
1,1-Dichloroethene	0.400	0.4022		mg/L		101	69 - 127
Chloroform	0.400	0.4225		mg/L		106	77 - 119
Tetrachloroethene	0.400	0.4679		mg/L		117	78 - 126
Trichloroethene	0.400	0.4534		mg/L		113	80 - 120
Vinyl chloride	0.400	0.3663		mg/L		92	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 123*
Dibromofluoromethane (Surr)	*104*		*80 - 120*

Lab Sample ID: LCS 180-143526/8
Matrix: Solid
Analysis Batch: 143526

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	0.400	0.3963		mg/L		99	31 - 139
Benzene	0.400	0.3979		mg/L		99	80 - 120
Carbon tetrachloride	0.400	0.4638		mg/L		116	63 - 139
1,2-Dichloroethane	0.400	0.3719		mg/L		93	63 - 140
Chlorobenzene	0.400	0.4349		mg/L		109	83 - 120
1,1-Dichloroethene	0.400	0.4244		mg/L		106	69 - 127
Chloroform	0.400	0.4025		mg/L		101	77 - 119
Tetrachloroethene	0.400	0.4678		mg/L		117	78 - 126
Trichloroethene	0.400	0.4196		mg/L		105	80 - 120
Vinyl chloride	0.400	0.2988		mg/L		75	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*62 - 123*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 600-163230/3-A
Matrix: Solid
Analysis Batch: 163199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.208	U	1.25	0.208	mg/Kg		05/27/15 12:45	05/27/15 14:59	1
o-Xylene	0.141	U	0.625	0.141	mg/Kg		05/27/15 12:45	05/27/15 14:59	1
Ethylbenzene	0.128	U	0.625	0.128	mg/Kg		05/27/15 12:45	05/27/15 14:59	1

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

Lab Sample ID: MB 600-163230/3-A
Matrix: Solid
Analysis Batch: 163199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.173	U	0.625	0.173	mg/Kg		05/27/15 12:45	05/27/15 14:59	1
m-Xylene & p-Xylene	0.190	U	0.625	0.190	mg/Kg		05/27/15 12:45	05/27/15 14:59	1
Xylenes, Total	0.141	U	0.625	0.141	mg/Kg		05/27/15 12:45	05/27/15 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*57 - 140*	*05/27/15 12:45*	*05/27/15 14:59*	*1*
Dibromofluoromethane	*90*		*68 - 140*	*05/27/15 12:45*	*05/27/15 14:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*78*		*61 - 130*	*05/27/15 12:45*	*05/27/15 14:59*	*1*
Toluene-d8 (Surr)	*102*		*50 - 130*	*05/27/15 12:45*	*05/27/15 14:59*	*1*

Lab Sample ID: LCS 600-163230/1-A
Matrix: Solid
Analysis Batch: 163199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	12.5	11.87		mg/Kg		95	13 - 150
o-Xylene	6.25	5.676		mg/Kg		91	62 - 130
Ethylbenzene	6.25	5.486		mg/Kg		88	66 - 130
Toluene	6.25	6.049		mg/Kg		97	67 - 130
m-Xylene & p-Xylene	6.25	5.521		mg/Kg		88	64 - 130
Xylenes, Total	12.5	11.20		mg/Kg		90	63 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*57 - 140*
Dibromofluoromethane	*97*		*68 - 140*
1,2-Dichloroethane-d4 (Surr)	*78*		*61 - 130*
Toluene-d8 (Surr)	*106*		*50 - 130*

Lab Sample ID: LCSD 600-163230/2-A
Matrix: Solid
Analysis Batch: 163199

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 163230

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	12.5	12.41		mg/Kg		99	13 - 150	4	30
o-Xylene	6.25	5.611		mg/Kg		90	62 - 130	1	30
Ethylbenzene	6.25	5.422		mg/Kg		87	66 - 130	1	30
Toluene	6.25	5.924		mg/Kg		95	67 - 130	2	30
m-Xylene & p-Xylene	6.25	5.351		mg/Kg		86	64 - 130	3	30
Xylenes, Total	12.5	10.96		mg/Kg		88	63 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*57 - 140*
Dibromofluoromethane	*92*		*68 - 140*
1,2-Dichloroethane-d4 (Surr)	*76*		*61 - 130*
Toluene-d8 (Surr)	*103*		*50 - 130*

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

Lab Sample ID: MB 600-163313/7
Matrix: Solid
Analysis Batch: 163313

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000630	U	0.00500	0.000630	mg/Kg			05/28/15 13:23	1
Bromodichloromethane	0.000660	U	0.00500	0.000660	mg/Kg			05/28/15 13:23	1
Bromoform	0.00137	U	0.00500	0.00137	mg/Kg			05/28/15 13:23	1
Bromomethane	0.000830	U	0.0100	0.000830	mg/Kg			05/28/15 13:23	1
2-Butanone (MEK)	0.00190	U	0.0100	0.00190	mg/Kg			05/28/15 13:23	1
Carbon disulfide	0.000550	U	0.0100	0.000550	mg/Kg			05/28/15 13:23	1
Carbon tetrachloride	0.00113	U	0.00500	0.00113	mg/Kg			05/28/15 13:23	1
Chlorobenzene	0.000960	U	0.00500	0.000960	mg/Kg			05/28/15 13:23	1
Chlorobromomethane	0.00178	U	0.00500	0.00178	mg/Kg			05/28/15 13:23	1
Chloroethane	0.00140	U	0.0100	0.00140	mg/Kg			05/28/15 13:23	1
Chloroform	0.000660	U	0.00500	0.000660	mg/Kg			05/28/15 13:23	1
Chloromethane	0.00166	U	0.0100	0.00166	mg/Kg			05/28/15 13:23	1
cis-1,2-Dichloroethene	0.000830	U	0.00500	0.000830	mg/Kg			05/28/15 13:23	1
Acetone	0.00166	U	0.0100	0.00166	mg/Kg			05/28/15 13:23	1
cis-1,3-Dichloropropene	0.000540	U	0.00500	0.000540	mg/Kg			05/28/15 13:23	1
Dibromochloromethane	0.000940	U	0.00500	0.000940	mg/Kg			05/28/15 13:23	1
1,1-Dichloroethane	0.000870	U	0.00500	0.000870	mg/Kg			05/28/15 13:23	1
1,2-Dichloroethane	0.000900	U	0.00500	0.000900	mg/Kg			05/28/15 13:23	1
1,1-Dichloroethene	0.00122	U	0.00500	0.00122	mg/Kg			05/28/15 13:23	1
1,2-Dichloroethene, Total	0.00190	U	0.0100	0.00190	mg/Kg			05/28/15 13:23	1
1,2-Dichloropropane	0.000710	U	0.00500	0.000710	mg/Kg			05/28/15 13:23	1
2-Hexanone	0.00101	U	0.0100	0.00101	mg/Kg			05/28/15 13:23	1
Methylene Chloride	0.00219	U	0.0100	0.00219	mg/Kg			05/28/15 13:23	1
4-Methyl-2-pentanone (MIBK)	0.00147	U	0.0100	0.00147	mg/Kg			05/28/15 13:23	1
o-Xylene	0.00113	U	0.00500	0.00113	mg/Kg			05/28/15 13:23	1
Styrene	0.000710	U	0.00500	0.000710	mg/Kg			05/28/15 13:23	1
1,1,2,2-Tetrachloroethane	0.000870	U	0.00500	0.000870	mg/Kg			05/28/15 13:23	1
Tetrachloroethene	0.000710	U	0.00500	0.000710	mg/Kg			05/28/15 13:23	1
Ethylbenzene	0.00102	U	0.00500	0.00102	mg/Kg			05/28/15 13:23	1
Toluene	0.00138	U	0.00500	0.00138	mg/Kg			05/28/15 13:23	1
trans-1,2-Dichloroethene	0.00114	U	0.00500	0.00114	mg/Kg			05/28/15 13:23	1
trans-1,3-Dichloropropene	0.000580	U	0.00500	0.000580	mg/Kg			05/28/15 13:23	1
1,1,1-Trichloroethane	0.000740	U	0.00500	0.000740	mg/Kg			05/28/15 13:23	1
1,1,2-Trichloroethane	0.000730	U	0.0400	0.000730	mg/Kg			05/28/15 13:23	1
m-Xylene & p-Xylene	0.00152	U	0.00500	0.00152	mg/Kg			05/28/15 13:23	1
Trichloroethene	0.00140	U	0.00500	0.00140	mg/Kg			05/28/15 13:23	1
Vinyl acetate	0.000930	U	0.0100	0.000930	mg/Kg			05/28/15 13:23	1
Vinyl chloride	0.000900	U	0.0100	0.000900	mg/Kg			05/28/15 13:23	1
Xylenes, Total	0.00113	U	0.00500	0.00113	mg/Kg			05/28/15 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*82*		*57 - 140*		*05/28/15 13:23*	*1*
Dibromofluoromethane	*81*		*68 - 140*		*05/28/15 13:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*70*		*61 - 130*		*05/28/15 13:23*	*1*
Toluene-d8 (Surr)	*77*		*50 - 130*		*05/28/15 13:23*	*1*

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

Lab Sample ID: LCS 600-163313/4
Matrix: Solid
Analysis Batch: 163313

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05170		mg/Kg		103	70 - 131
Bromodichloromethane	0.0500	0.05079		mg/Kg		102	67 - 138
Bromoform	0.0500	0.04649		mg/Kg		93	43 - 150
Bromomethane	0.0500	0.04933		mg/Kg		99	37 - 147
2-Butanone (MEK)	0.100	0.1012		mg/Kg		101	33 - 150
Carbon disulfide	0.0500	0.05182		mg/Kg		104	51 - 141
Carbon tetrachloride	0.0500	0.04823		mg/Kg		96	58 - 130
Chlorobenzene	0.0500	0.04517		mg/Kg		90	63 - 131
Chlorobromomethane	0.0500	0.05174		mg/Kg		103	70 - 132
Chloroethane	0.0500	0.05786		mg/Kg		116	40 - 150
Chloroform	0.0500	0.04928		mg/Kg		99	69 - 130
Chloromethane	0.0500	0.05656		mg/Kg		113	44 - 141
cis-1,2-Dichloroethene	0.0500	0.05033		mg/Kg		101	70 - 130
Acetone	0.100	0.1124		mg/Kg		112	13 - 150
cis-1,3-Dichloropropene	0.0500	0.04671		mg/Kg		93	65 - 130
Dibromochloromethane	0.0500	0.04516		mg/Kg		90	65 - 134
1,1-Dichloroethane	0.0500	0.04886		mg/Kg		98	63 - 140
1,2-Dichloroethane	0.0500	0.04645		mg/Kg		93	58 - 137
1,1-Dichloroethene	0.0500	0.04498		mg/Kg		90	62 - 142
1,2-Dichloroethene, Total	0.100	0.1003		mg/Kg		100	70 - 130
1,2-Dichloropropane	0.0500	0.04907		mg/Kg		98	70 - 130
2-Hexanone	0.100	0.08430		mg/Kg		84	35 - 150
Methylene Chloride	0.0500	0.05947		mg/Kg		119	61 - 150
4-Methyl-2-pentanone (MIBK)	0.100	0.08708		mg/Kg		87	21 - 150
o-Xylene	0.0500	0.04834		mg/Kg		97	62 - 130
Styrene	0.0500	0.04692		mg/Kg		94	65 - 133
1,1,2,2-Tetrachloroethane	0.0500	0.04786		mg/Kg		96	61 - 138
Tetrachloroethene	0.0500	0.04466		mg/Kg		89	43 - 143
Ethylbenzene	0.0500	0.04978		mg/Kg		100	66 - 130
Toluene	0.0500	0.04738		mg/Kg		95	67 - 130
trans-1,2-Dichloroethene	0.0500	0.05000		mg/Kg		100	69 - 130
trans-1,3-Dichloropropene	0.0500	0.05084		mg/Kg		102	70 - 130
1,1,1-Trichloroethane	0.0500	0.04784		mg/Kg		96	59 - 130
1,1,2-Trichloroethane	0.0500	0.04595		mg/Kg		92	67 - 134
m-Xylene & p-Xylene	0.0500	0.04413		mg/Kg		88	64 - 130
Trichloroethene	0.0500	0.05020		mg/Kg		100	63 - 135
Vinyl acetate	0.100	0.08977		mg/Kg		90	40 - 150
Vinyl chloride	0.0500	0.05009		mg/Kg		100	40 - 148
Xylenes, Total	0.100	0.09247		mg/Kg		92	63 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*85*		*57 - 140*
Dibromofluoromethane	*78*		*68 - 140*
1,2-Dichloroethane-d4 (Surr)	*65*		*61 - 130*
Toluene-d8 (Surr)	*73*		*50 - 130*

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

Lab Sample ID: LCSD 600-163313/5
Matrix: Solid
Analysis Batch: 163313

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
Benzene	0.0500	0.05498		mg/Kg		110	70 - 131	6	30
Bromodichloromethane	0.0500	0.05359		mg/Kg		107	67 - 138	5	30
Bromoform	0.0500	0.03964		mg/Kg		79	43 - 150	16	30
Bromomethane	0.0500	0.06555		mg/Kg		131	37 - 147	28	30
2-Butanone (MEK)	0.100	0.09275		mg/Kg		93	33 - 150	9	30
Carbon disulfide	0.0500	0.05670		mg/Kg		113	51 - 141	9	30
Carbon tetrachloride	0.0500	0.05451		mg/Kg		109	58 - 130	12	30
Chlorobenzene	0.0500	0.04496		mg/Kg		90	63 - 131	0	30
Chlorobromomethane	0.0500	0.05504		mg/Kg		110	70 - 132	6	30
Chloroethane	0.0500	0.06926		mg/Kg		139	40 - 150	18	30
Chloroform	0.0500	0.05419		mg/Kg		108	69 - 130	9	30
Chloromethane	0.0500	0.07150	*	mg/Kg		143	44 - 141	23	30
cis-1,2-Dichloroethene	0.0500	0.05302		mg/Kg		106	70 - 130	5	30
Acetone	0.100	0.1056		mg/Kg		106	13 - 150	6	30
cis-1,3-Dichloropropene	0.0500	0.04582		mg/Kg		92	65 - 130	2	30
Dibromochloromethane	0.0500	0.04647		mg/Kg		93	65 - 134	3	30
1,1-Dichloroethane	0.0500	0.05319		mg/Kg		106	63 - 140	8	30
1,2-Dichloroethane	0.0500	0.05355		mg/Kg		107	58 - 137	14	30
1,1-Dichloroethene	0.0500	0.05514		mg/Kg		110	62 - 142	20	30
1,2-Dichloroethene, Total	0.100	0.1093		mg/Kg		109	70 - 130	9	30
1,2-Dichloropropane	0.0500	0.05161		mg/Kg		103	70 - 130	5	30
2-Hexanone	0.100	0.08720		mg/Kg		87	35 - 150	3	30
Methylene Chloride	0.0500	0.07103		mg/Kg		142	61 - 150	18	30
4-Methyl-2-pentanone (MIBK)	0.100	0.09871		mg/Kg		99	21 - 150	13	30
o-Xylene	0.0500	0.04601		mg/Kg		92	62 - 130	5	30
Styrene	0.0500	0.04503		mg/Kg		90	65 - 133	4	30
1,1,2,2-Tetrachloroethane	0.0500	0.04508		mg/Kg		90	61 - 138	6	30
Tetrachloroethene	0.0500	0.04882		mg/Kg		98	43 - 143	9	30
Ethylbenzene	0.0500	0.04784		mg/Kg		96	66 - 130	4	30
Toluene	0.0500	0.04579		mg/Kg		92	67 - 130	3	30
trans-1,2-Dichloroethene	0.0500	0.05626		mg/Kg		113	69 - 130	12	30
trans-1,3-Dichloropropene	0.0500	0.04628		mg/Kg		93	70 - 130	9	30
1,1,1-Trichloroethane	0.0500	0.05011		mg/Kg		100	59 - 130	5	30
1,1,2-Trichloroethane	0.0500	0.04286		mg/Kg		86	67 - 134	7	30
m-Xylene & p-Xylene	0.0500	0.04498		mg/Kg		90	64 - 130	2	30
Trichloroethene	0.0500	0.05375		mg/Kg		107	63 - 135	7	30
Vinyl acetate	0.100	0.09484		mg/Kg		95	40 - 150	5	30
Vinyl chloride	0.0500	0.06694		mg/Kg		134	40 - 148	29	30
Xylenes, Total	0.100	0.09099		mg/Kg		91	63 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*57 - 140*
Dibromofluoromethane	*83*		*68 - 140*
1,2-Dichloroethane-d4 (Surr)	*79*		*61 - 130*
Toluene-d8 (Surr)	*77*		*50 - 130*

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

Lab Sample ID: MB 400-259232/4
Matrix: Water
Analysis Batch: 259232

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.000830	U	0.00100	0.000830	mg/L			05/31/15 18:34	1
Vinyl chloride	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Bromomethane	0.000980	U	0.00100	0.000980	mg/L			05/31/15 18:34	1
Chloroethane	0.000760	U	0.00100	0.000760	mg/L			05/31/15 18:34	1
1,1-Dichloroethene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
trans-1,2-Dichloroethene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Acetone	0.0100	U	0.0250	0.0100	mg/L			05/31/15 18:34	1
Carbon disulfide	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Methylene Chloride	0.00300	U	0.00500	0.00300	mg/L			05/31/15 18:34	1
Vinyl acetate	0.00200	U	0.0250	0.00200	mg/L			05/31/15 18:34	1
cis-1,2-Dichloroethene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
1,2-Dichloroethene, Total	0.000640	U	0.0100	0.000640	mg/L			05/31/15 18:34	1
2-Butanone (MEK)	0.00260	U	0.0250	0.00260	mg/L			05/31/15 18:34	1
Chlorobromomethane	0.000520	U	0.00100	0.000520	mg/L			05/31/15 18:34	1
Carbon tetrachloride	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Benzene	0.000380	U	0.00100	0.000380	mg/L			05/31/15 18:34	1
1,2-Dichloroethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Trichloroethene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
1,1,1-Trichloroethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
1,1-Dichloroethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
1,2-Dichloropropane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Chloroform	0.000600	U	0.00100	0.000600	mg/L			05/31/15 18:34	1
Bromodichloromethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
cis-1,3-Dichloropropene	0.000500	U	0.00500	0.000500	mg/L			05/31/15 18:34	1
4-Methyl-2-pentanone (MIBK)	0.00180	U	0.0250	0.00180	mg/L			05/31/15 18:34	1
Toluene	0.000700	U	0.00100	0.000700	mg/L			05/31/15 18:34	1
trans-1,3-Dichloropropene	0.000500	U	0.00500	0.000500	mg/L			05/31/15 18:34	1
1,1,2-Trichloroethane	0.000500	U	0.00500	0.000500	mg/L			05/31/15 18:34	1
Tetrachloroethene	0.000580	U	0.00100	0.000580	mg/L			05/31/15 18:34	1
2-Hexanone	0.00310	U	0.0250	0.00310	mg/L			05/31/15 18:34	1
Dibromochloromethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Chlorobenzene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
Ethylbenzene	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1
m-Xylene & p-Xylene	0.00160	U	0.00500	0.00160	mg/L			05/31/15 18:34	1
Xylenes, Total	0.00160	U	0.0100	0.00160	mg/L			05/31/15 18:34	1
o-Xylene	0.000600	U	0.00500	0.000600	mg/L			05/31/15 18:34	1
Styrene	0.00100	U	0.00100	0.00100	mg/L			05/31/15 18:34	1
Bromoform	0.000710	U	0.00500	0.000710	mg/L			05/31/15 18:34	1
1,1,2,2-Tetrachloroethane	0.000500	U	0.00100	0.000500	mg/L			05/31/15 18:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*67 - 134*		*05/31/15 18:34*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*05/31/15 18:34*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/31/15 18:34*	*1*
4-Bromofluorobenzene	*100*		*78 - 118*		*05/31/15 18:34*	*1*

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

Lab Sample ID: LCS 400-259232/1002
Matrix: Water
Analysis Batch: 259232

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0500	0.04107		mg/L		82	49 - 141
Vinyl chloride	0.0500	0.04340		mg/L		87	60 - 128
Bromomethane	0.0500	0.04399		mg/L		88	10 - 150
Chloroethane	0.0500	0.04928		mg/L		99	37 - 150
1,1-Dichloroethene	0.0500	0.04363		mg/L		87	50 - 134
trans-1,2-Dichloroethene	0.0500	0.04431		mg/L		89	70 - 126
Acetone	0.200	0.1902		mg/L		95	24 - 150
Carbon disulfide	0.0500	0.04473		mg/L		89	41 - 140
Methylene Chloride	0.0500	0.04313		mg/L		86	70 - 130
Vinyl acetate	0.100	0.09797		mg/L		98	54 - 140
cis-1,2-Dichloroethene	0.0500	0.04652		mg/L		93	78 - 122
2-Butanone (MEK)	0.200	0.1992		mg/L		100	62 - 137
Chlorobromomethane	0.0500	0.04438		mg/L		89	80 - 120
Carbon tetrachloride	0.0500	0.04627		mg/L		93	46 - 141
Benzene	0.0500	0.04424		mg/L		88	79 - 120
1,2-Dichloroethane	0.0500	0.04515		mg/L		90	69 - 128
Trichloroethene	0.0500	0.04480		mg/L		90	77 - 120
1,1,1-Trichloroethane	0.0500	0.04474		mg/L		89	66 - 130
1,1-Dichloroethane	0.0500	0.04557		mg/L		91	75 - 126
1,2-Dichloropropane	0.0500	0.04646		mg/L		93	77 - 126
Chloroform	0.0500	0.04596		mg/L		92	73 - 122
Bromodichloromethane	0.0500	0.04693		mg/L		94	75 - 127
cis-1,3-Dichloropropene	0.0500	0.04834		mg/L		97	70 - 122
4-Methyl-2-pentanone (MIBK)	0.200	0.2128		mg/L		106	63 - 150
Toluene	0.0500	0.04914		mg/L		98	80 - 120
trans-1,3-Dichloropropene	0.0500	0.05316		mg/L		106	64 - 120
1,1,2-Trichloroethane	0.0500	0.05200		mg/L		104	80 - 120
Tetrachloroethene	0.0500	0.04938		mg/L		99	76 - 124
2-Hexanone	0.200	0.2407		mg/L		120	60 - 150
Dibromochloromethane	0.0500	0.05203		mg/L		104	63 - 125
Chlorobenzene	0.0500	0.04988		mg/L		100	80 - 120
Ethylbenzene	0.0500	0.05048		mg/L		101	80 - 120
m-Xylene & p-Xylene	0.0500	0.05105		mg/L		102	70 - 130
Xylenes, Total	0.100	0.1029		mg/L		103	70 - 130
o-Xylene	0.0500	0.05181		mg/L		104	70 - 130
Styrene	0.0500	0.05182		mg/L		104	79 - 124
Bromoform	0.0500	0.05474		mg/L		109	65 - 121
1,1,2,2-Tetrachloroethane	0.0500	0.05543		mg/L		111	68 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*67 - 134*
Dibromofluoromethane	*97*		*81 - 121*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene	*103*		*78 - 118*

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

Lab Sample ID: MB 400-259251/4
Matrix: Water
Analysis Batch: 259251

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.000500	U	0.00100	0.000500	mg/L			06/01/15 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*67 - 134*		*06/01/15 09:56*	*1*
Dibromofluoromethane	*97*		*81 - 121*		*06/01/15 09:56*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*06/01/15 09:56*	*1*
4-Bromofluorobenzene	*101*		*78 - 118*		*06/01/15 09:56*	*1*

Lab Sample ID: LCS 400-259251/1002
Matrix: Water
Analysis Batch: 259251

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylbenzene			0.0500	0.05286		mg/L		106	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*67 - 134*
Dibromofluoromethane	*98*		*81 - 121*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene	*104*		*78 - 118*

Lab Sample ID: LB 180-143333/12-A
Matrix: Solid
Analysis Batch: 143388

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0108	U	0.0500	0.0108	mg/L			06/01/15 11:08	1
Benzene	0.00989	U	0.0500	0.00989	mg/L			06/01/15 11:08	1
Carbon tetrachloride	0.0108	U	0.0500	0.0108	mg/L			06/01/15 11:08	1
1,2-Dichloroethane	0.00959	U	0.0500	0.00959	mg/L			06/01/15 11:08	1
Chlorobenzene	0.00526	U	0.0500	0.00526	mg/L			06/01/15 11:08	1
1,1-Dichloroethene	0.0107	U	0.0500	0.0107	mg/L			06/01/15 11:08	1
Chloroform	0.0101	U	0.0500	0.0101	mg/L			06/01/15 11:08	1
Tetrachloroethene	0.00825	U	0.0500	0.00825	mg/L			06/01/15 11:08	1
Trichloroethene	0.00801	U	0.0500	0.00801	mg/L			06/01/15 11:08	1
Vinyl chloride	0.0129	U	0.0500	0.0129	mg/L			06/01/15 11:08	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*113*		*80 - 120*		*06/01/15 11:08*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*06/01/15 11:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*75*		*62 - 123*		*06/01/15 11:08*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*06/01/15 11:08*	*1*

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

Lab Sample ID: LB 180-143333/12-A
Matrix: Solid
Analysis Batch: 143526

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0108	U	0.0500	0.0108	mg/L			06/02/15 12:02	1
Benzene	0.00989	U	0.0500	0.00989	mg/L			06/02/15 12:02	1
Carbon tetrachloride	0.0108	U	0.0500	0.0108	mg/L			06/02/15 12:02	1
1,2-Dichloroethane	0.00959	U	0.0500	0.00959	mg/L			06/02/15 12:02	1
Chlorobenzene	0.00526	U	0.0500	0.00526	mg/L			06/02/15 12:02	1
1,1-Dichloroethene	0.0107	U	0.0500	0.0107	mg/L			06/02/15 12:02	1
Chloroform	0.0101	U	0.0500	0.0101	mg/L			06/02/15 12:02	1
Tetrachloroethene	0.00825	U	0.0500	0.00825	mg/L			06/02/15 12:02	1
Trichloroethene	0.00801	U	0.0500	0.00801	mg/L			06/02/15 12:02	1
Vinyl chloride	0.0129	U	0.0500	0.0129	mg/L			06/02/15 12:02	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/02/15 12:02*	*1*
4-Bromofluorobenzene (Surr)	*85*		*75 - 120*		*06/02/15 12:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*62 - 123*		*06/02/15 12:02*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*06/02/15 12:02*	*1*

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

Lab Sample ID: MB 600-163442/1-A
Matrix: Solid
Analysis Batch: 163490

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.00216	U	0.0100	0.00216	mg/L		05/29/15 13:52	05/30/15 12:37	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		05/29/15 13:52	05/30/15 12:37	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		05/29/15 13:52	05/30/15 12:37	1
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		05/29/15 13:52	05/30/15 12:37	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		05/29/15 13:52	05/30/15 12:37	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		05/29/15 13:52	05/30/15 12:37	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		05/29/15 13:52	05/30/15 12:37	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		05/29/15 13:52	05/30/15 12:37	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		05/29/15 13:52	05/30/15 12:37	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		05/29/15 13:52	05/30/15 12:37	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		05/29/15 13:52	05/30/15 12:37	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		05/29/15 13:52	05/30/15 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*91*		*35 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
2-Fluorophenol	*56*		*10 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
2-Fluorobiphenyl	*79*		*41 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
2,4,6-Tribromophenol	*77*		*12 - 138*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
Terphenyl-d14	*101*		*43 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
Phenol-d5	*33*		*10 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*
Phenol-d5 (Surr)	*33*		*10 - 130*	*05/29/15 13:52*	*05/30/15 12:37*	*1*

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

Lab Sample ID: LCS 600-163442/2-A
Matrix: Solid
Analysis Batch: 163490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163442

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0500	0.007551	J	mg/L		15	10 - 130
1,4-Dichlorobenzene	0.0500	0.04076		mg/L		82	57 - 130
2,4-Dinitrotoluene	0.0500	0.04884		mg/L		98	60 - 130
Hexachlorobenzene	0.0500	0.04776		mg/L		96	61 - 130
Hexachloroethane	0.0500	0.04157		mg/L		83	52 - 130
Hexachlorobutadiene	0.0500	0.03691		mg/L		74	52 - 130
Nitrobenzene	0.0500	0.04846		mg/L		97	55 - 130
2-Methylphenol	0.0500	0.03612		mg/L		72	39 - 130
3 & 4 Methylphenol	0.0500	0.03317		mg/L		66	29 - 130
Pentachlorophenol	0.100	0.08456		mg/L		85	29 - 141
2,4,5-Trichlorophenol	0.0500	0.04214		mg/L		84	51 - 130
2,4,6-Trichlorophenol	0.0500	0.04108		mg/L		82	49 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*97*		*35 - 130*
2-Fluorophenol	*52*		*10 - 130*
2-Fluorobiphenyl	*82*		*41 - 130*
2,4,6-Tribromophenol	*93*		*12 - 138*
Terphenyl-d14	*102*		*43 - 130*
Phenol-d5	*33*		*10 - 130*
Phenol-d5 (Surr)	*33*		*10 - 130*

Lab Sample ID: MB 600-163463/1-A
Matrix: Solid
Analysis Batch: 163586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.189	U	0.330	0.189	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Acenaphthylene	0.193	U	0.330	0.193	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Anthracene	0.207	U	0.330	0.207	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzidine	0.00902	U	1.60	0.00902	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzo[a]anthracene	0.207	U	0.330	0.207	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzo[b]fluoranthene	0.0193	U	0.330	0.0193	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzo[k]fluoranthene	0.0294	U	0.330	0.0294	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzo[g,h,i]perylene	0.175	U	0.330	0.175	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzo[a]pyrene	0.185	U	0.330	0.185	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Bis(2-chloroethoxy)methane	0.186	U	0.330	0.186	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Bis(2-chloroethyl)ether	0.0330	U	0.330	0.0330	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Bis(2-ethylhexyl) phthalate	0.200	U	0.330	0.200	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Bromophenyl phenyl ether	0.200	U	0.330	0.200	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Butyl benzyl phthalate	0.201	U	0.330	0.201	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Chloroaniline	0.0660	U	0.330	0.0660	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Chloronaphthalene	0.215	U	0.330	0.215	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Chlorophenyl phenyl ether	0.198	U	0.330	0.198	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Carbazole	0.204	U	0.330	0.204	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Chrysene	0.202	U	0.330	0.202	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Di-n-butyl phthalate	0.213	U	0.330	0.213	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Dibenz(a,h)anthracene	0.190	U	0.330	0.190	mg/Kg		05/29/15 15:37	06/01/15 17:13	1

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

Lab Sample ID: MB 600-163463/1-A
Matrix: Solid
Analysis Batch: 163586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163463

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.197	U	0.330	0.197	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
1,2-Dichlorobenzene	0.0263	U	0.330	0.0263	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
1,3-Dichlorobenzene	0.178	U	0.330	0.178	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
1,4-Dichlorobenzene	0.0231	U	0.330	0.0231	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
3,3'-Dichlorobenzidine	0.0636	U	0.660	0.0636	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Diethyl phthalate	0.204	U	0.330	0.204	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Dimethyl phthalate	0.200	U	0.330	0.200	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4-Dinitrotoluene	0.0329	U	0.330	0.0329	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,6-Dinitrotoluene	0.210	U	0.330	0.210	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Di-n-octyl phthalate	0.214	U	0.330	0.214	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Fluoranthene	0.211	U	0.330	0.211	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Fluorene	0.203	U	0.330	0.203	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Hexachlorobenzene	0.208	U	0.330	0.208	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Hexachlorocyclopentadiene	0.0223	U	0.330	0.0223	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Hexachloroethane	0.0299	U	0.330	0.0299	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Hexachlorobutadiene	0.0339	U	0.330	0.0339	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Indeno[1,2,3-cd]pyrene	0.181	U	0.330	0.181	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Isophorone	0.194	U	0.330	0.194	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Methylnaphthalene	0.189	U	0.330	0.189	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Naphthalene	0.0193	U	0.330	0.0193	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Nitroaniline	0.195	U	1.60	0.195	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
3-Nitroaniline	0.212	U	1.60	0.212	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Nitroaniline	0.180	U	1.60	0.180	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Nitrobenzene	0.0474	U	0.330	0.0474	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
N-Nitrosodimethylamine	0.0955	U	0.330	0.0955	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
N-Nitrosodiphenylamine	0.0315	U	0.330	0.0315	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
N-Nitrosodi-n-propylamine	0.0286	U	0.330	0.0286	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Phenanthrene	0.203	U	0.330	0.203	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Pyrene	0.221	U	0.330	0.221	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
1,2,4-Trichlorobenzene	0.211	U	0.330	0.211	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Benzyl alcohol	0.0624	U	0.330	0.0624	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Chloro-3-methylphenol	0.192	U	0.330	0.192	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Chlorophenol	0.0233	U	0.330	0.0233	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Methylphenol	0.0379	U	0.330	0.0379	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
3 & 4 Methylphenol	0.0301	U	0.660	0.0301	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4-Dichlorophenol	0.183	U	0.330	0.183	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4-Dimethylphenol	0.0636	U	0.330	0.0636	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4,6-Dinitro-2-methylphenol	0.207	U	1.60	0.207	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4-Dinitrophenol	0.128	U	1.60	0.128	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2-Nitrophenol	0.180	U	0.330	0.180	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
4-Nitrophenol	0.180	U	1.60	0.180	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Pentachlorophenol	0.0221	U	1.60	0.0221	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
Phenol	0.0374	U	0.330	0.0374	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4,5-Trichlorophenol	0.0621	U	0.330	0.0621	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
2,4,6-Trichlorophenol	0.180	U	0.330	0.180	mg/Kg		05/29/15 15:37	06/01/15 17:13	1
bis (2-Chloroisopropyl) ether	0.0346	U	0.330	0.0346	mg/Kg		05/29/15 15:37	06/01/15 17:13	1

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

Lab Sample ID: MB 600-163463/1-A
Matrix: Solid
Analysis Batch: 163586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163463

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*10 - 150*	*05/29/15 15:37*	*06/01/15 17:13*	*1*
2-Fluorophenol	*90*		*25 - 132*	*05/29/15 15:37*	*06/01/15 17:13*	*1*
2-Fluorobiphenyl	*90*		*38 - 130*	*05/29/15 15:37*	*06/01/15 17:13*	*1*
2,4,6-Tribromophenol	*91*		*10 - 148*	*05/29/15 15:37*	*06/01/15 17:13*	*1*
Terphenyl-d14	*84*		*53 - 134*	*05/29/15 15:37*	*06/01/15 17:13*	*1*
Phenol-d5 (Surr)	*92*		*27 - 123*	*05/29/15 15:37*	*06/01/15 17:13*	*1*

Lab Sample ID: LCS 600-163463/2-A
Matrix: Solid
Analysis Batch: 163586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.755		mg/Kg		83	58 - 130
Acenaphthylene	3.33	2.876		mg/Kg		86	56 - 130
Anthracene	3.33	2.692		mg/Kg		81	58 - 130
Benzidine	6.67	2.294		mg/Kg		34	10 - 135
Benzo[a]anthracene	3.33	2.665		mg/Kg		80	49 - 130
Benzo[b]fluoranthene	3.33	2.692		mg/Kg		81	58 - 130
Benzo[k]fluoranthene	3.33	2.848		mg/Kg		85	56 - 130
Benzo[g,h,i]perylene	3.33	2.708		mg/Kg		81	49 - 135
Benzo[a]pyrene	3.33	2.765		mg/Kg		83	58 - 130
Bis(2-chloroethoxy)methane	3.33	2.751		mg/Kg		83	49 - 130
Bis(2-chloroethyl)ether	3.33	2.722		mg/Kg		82	44 - 130
Bis(2-ethylhexyl) phthalate	3.33	3.102		mg/Kg		93	47 - 133
4-Bromophenyl phenyl ether	3.33	2.675		mg/Kg		80	56 - 130
Butyl benzyl phthalate	3.33	2.964		mg/Kg		89	43 - 135
4-Chloroaniline	3.33	1.898		mg/Kg		57	42 - 130
2-Chloronaphthalene	3.33	2.831		mg/Kg		85	51 - 130
4-Chlorophenyl phenyl ether	3.33	2.816		mg/Kg		84	57 - 130
Carbazole	3.33	2.777		mg/Kg		83	47 - 131
Chrysene	3.33	2.836		mg/Kg		85	50 - 130
Di-n-butyl phthalate	3.33	2.965		mg/Kg		89	54 - 130
Dibenz(a,h)anthracene	3.33	2.710		mg/Kg		81	48 - 130
Dibenzofuran	3.33	2.740		mg/Kg		82	58 - 130
1,2-Dichlorobenzene	3.33	2.460		mg/Kg		74	44 - 130
1,3-Dichlorobenzene	3.33	2.401		mg/Kg		72	43 - 130
1,4-Dichlorobenzene	3.33	2.405		mg/Kg		72	46 - 130
3,3'-Dichlorobenzidine	3.33	2.502		mg/Kg		75	41 - 130
Diethyl phthalate	3.33	2.926		mg/Kg		88	55 - 130
Dimethyl phthalate	3.33	2.879		mg/Kg		86	58 - 130
2,4-Dinitrotoluene	3.33	2.982		mg/Kg		89	53 - 130
2,6-Dinitrotoluene	3.33	2.930		mg/Kg		88	53 - 130
Di-n-octyl phthalate	3.33	3.161		mg/Kg		95	45 - 135
Fluoranthene	3.33	2.713		mg/Kg		81	56 - 130
Fluorene	3.33	2.795		mg/Kg		84	52 - 147
Hexachlorobenzene	3.33	2.666		mg/Kg		80	59 - 130
Hexachlorocyclopentadiene	3.33	2.190		mg/Kg		66	33 - 130
Hexachloroethane	3.33	2.582		mg/Kg		77	36 - 130

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

Lab Sample ID: LCS 600-163463/2-A
Matrix: Solid
Analysis Batch: 163586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163463

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	3.33	2.508		mg/Kg		75	49 - 130
Indeno[1,2,3-cd]pyrene	3.33	2.746		mg/Kg		82	41 - 130
Isophorone	3.33	2.908		mg/Kg		87	49 - 130
2-Methylnaphthalene	3.33	2.593		mg/Kg		78	54 - 130
Naphthalene	3.33	2.542		mg/Kg		76	49 - 130
2-Nitroaniline	3.33	3.379		mg/Kg		101	49 - 149
3-Nitroaniline	3.33	2.799		mg/Kg		84	45 - 133
4-Nitroaniline	3.33	4.026		mg/Kg		121	48 - 139
Nitrobenzene	3.33	2.908		mg/Kg		87	47 - 130
N-Nitrosodimethylamine	3.33	2.538		mg/Kg		76	29 - 130
N-Nitrosodiphenylamine	6.64	5.157		mg/Kg		78	47 - 130
N-Nitrosodi-n-propylamine	3.33	2.802		mg/Kg		84	43 - 130
Phenanthrene	3.33	2.661		mg/Kg		80	58 - 130
Pyrene	3.33	2.572		mg/Kg		77	48 - 131
1,2,4-Trichlorobenzene	3.33	2.502		mg/Kg		75	45 - 130
Benzyl alcohol	3.33	2.576		mg/Kg		77	25 - 141
4-Chloro-3-methylphenol	3.33	2.795		mg/Kg		84	54 - 130
2-Chlorophenol	3.33	2.648		mg/Kg		79	48 - 130
2-Methylphenol	3.33	2.739		mg/Kg		82	46 - 130
3 & 4 Methylphenol	3.33	2.700		mg/Kg		81	44 - 130
2,4-Dichlorophenol	3.33	2.562		mg/Kg		77	56 - 130
2,4-Dimethylphenol	3.33	2.847		mg/Kg		85	46 - 130
4,6-Dinitro-2-methylphenol	6.67	5.447		mg/Kg		82	45 - 130
2,4-Dinitrophenol	6.67	5.728		mg/Kg		86	25 - 130
2-Nitrophenol	3.33	2.659		mg/Kg		80	50 - 130
4-Nitrophenol	6.67	6.480		mg/Kg		97	20 - 132
Pentachlorophenol	6.67	4.676		mg/Kg		70	34 - 130
Phenol	3.33	2.941		mg/Kg		88	33 - 130
2,4,5-Trichlorophenol	3.33	2.768		mg/Kg		83	59 - 136
2,4,6-Trichlorophenol	3.33	2.731		mg/Kg		82	59 - 134
bis (2-Chloroisopropyl) ether	3.33	3.135		mg/Kg		94	39 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*86*		*10 - 150*
2-Fluorophenol	*82*		*25 - 132*
2-Fluorobiphenyl	*84*		*38 - 130*
2,4,6-Tribromophenol	*89*		*10 - 148*
Terphenyl-d14	*78*		*53 - 134*
Phenol-d5 (Surr)	*81*		*27 - 123*

Lab Sample ID: MB 600-163569/1-A
Matrix: Solid
Analysis Batch: 163615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.00216	U	0.0100	0.00216	mg/L		06/01/15 11:24	06/02/15 08:08	1
1,4-Dichlorobenzene	0.00178	U	0.0100	0.00178	mg/L		06/01/15 11:24	06/02/15 08:08	1
2,4-Dinitrotoluene	0.00263	U	0.0100	0.00263	mg/L		06/01/15 11:24	06/02/15 08:08	1

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

Lab Sample ID: MB 600-163569/1-A
Matrix: Solid
Analysis Batch: 163615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.00259	U	0.0100	0.00259	mg/L		06/01/15 11:24	06/02/15 08:08	1
Hexachloroethane	0.00220	U	0.0100	0.00220	mg/L		06/01/15 11:24	06/02/15 08:08	1
Hexachlorobutadiene	0.00212	U	0.0100	0.00212	mg/L		06/01/15 11:24	06/02/15 08:08	1
Nitrobenzene	0.00248	U	0.0100	0.00248	mg/L		06/01/15 11:24	06/02/15 08:08	1
2-Methylphenol	0.00181	U	0.0100	0.00181	mg/L		06/01/15 11:24	06/02/15 08:08	1
3 & 4 Methylphenol	0.00188	U	0.0200	0.00188	mg/L		06/01/15 11:24	06/02/15 08:08	1
Pentachlorophenol	0.00462	U	0.0500	0.00462	mg/L		06/01/15 11:24	06/02/15 08:08	1
2,4,5-Trichlorophenol	0.00271	U	0.0100	0.00271	mg/L		06/01/15 11:24	06/02/15 08:08	1
2,4,6-Trichlorophenol	0.00259	U	0.0100	0.00259	mg/L		06/01/15 11:24	06/02/15 08:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*79*		*35 - 130*	*06/01/15 11:24*	*06/02/15 08:08*	*1*
2-Fluorophenol	*79*		*10 - 130*	*06/01/15 11:24*	*06/02/15 08:08*	*1*
2-Fluorobiphenyl	*83*		*41 - 130*	*06/01/15 11:24*	*06/02/15 08:08*	*1*
2,4,6-Tribromophenol	*84*		*12 - 138*	*06/01/15 11:24*	*06/02/15 08:08*	*1*
Terphenyl-d14	*80*		*43 - 130*	*06/01/15 11:24*	*06/02/15 08:08*	*1*
Phenol-d5	*81*		*10 - 130*	*06/01/15 11:24*	*06/02/15 08:08*	*1*

Lab Sample ID: LCS 600-163569/2-A
Matrix: Solid
Analysis Batch: 163615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163569

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0500	0.03666		mg/L		73	10 - 130
1,4-Dichlorobenzene	0.0500	0.03626		mg/L		73	57 - 130
2,4-Dinitrotoluene	0.0500	0.04547		mg/L		91	60 - 130
Hexachlorobenzene	0.0500	0.04177		mg/L		84	61 - 130
Hexachloroethane	0.0500	0.03858		mg/L		77	52 - 130
Hexachlorobutadiene	0.0500	0.03740		mg/L		75	52 - 130
Nitrobenzene	0.0500	0.04252		mg/L		85	55 - 130
2-Methylphenol	0.0500	0.03860		mg/L		77	39 - 130
3 & 4 Methylphenol	0.0500	0.03904		mg/L		78	29 - 130
Pentachlorophenol	0.100	0.06525		mg/L		65	29 - 141
2,4,5-Trichlorophenol	0.0500	0.03925		mg/L		79	51 - 130
2,4,6-Trichlorophenol	0.0500	0.04044		mg/L		81	49 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*86*		*35 - 130*
2-Fluorophenol	*79*		*10 - 130*
2-Fluorobiphenyl	*83*		*41 - 130*
2,4,6-Tribromophenol	*89*		*12 - 138*
Terphenyl-d14	*84*		*43 - 130*
Phenol-d5	*81*		*10 - 130*

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

Lab Sample ID: MB 600-163590/1-A
Matrix: Water
Analysis Batch: 163669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.00227	U	0.0100	0.00227	mg/L		06/01/15 15:09	06/02/15 14:45	1
Acenaphthylene	0.00229	U	0.0100	0.00229	mg/L		06/01/15 15:09	06/02/15 14:45	1
Anthracene	0.00249	U	0.0100	0.00249	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzidine	0.0179	U	0.0500	0.0179	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzo[a]anthracene	0.00211	U	0.0100	0.00211	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzo[b]fluoranthene	0.00250	U	0.0100	0.00250	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzo[k]fluoranthene	0.00299	U	0.0100	0.00299	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzo[g,h,i]perylene	0.00211	U	0.0100	0.00211	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzo[a]pyrene	0.00246	U	0.0100	0.00246	mg/L		06/01/15 15:09	06/02/15 14:45	1
Bis(2-chloroethoxy)methane	0.00291	U	0.0100	0.00291	mg/L		06/01/15 15:09	06/02/15 14:45	1
Bis(2-chloroethyl)ether	0.00263	U	0.0100	0.00263	mg/L		06/01/15 15:09	06/02/15 14:45	1
Bis(2-ethylhexyl) phthalate	0.00226	U	0.0100	0.00226	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Bromophenyl phenyl ether	0.00250	U	0.0100	0.00250	mg/L		06/01/15 15:09	06/02/15 14:45	1
Butyl benzyl phthalate	0.00236	U	0.0100	0.00236	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Chloroaniline	0.00211	U	0.0100	0.00211	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Chloronaphthalene	0.00281	U	0.0100	0.00281	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Chlorophenyl phenyl ether	0.00219	U	0.0100	0.00219	mg/L		06/01/15 15:09	06/02/15 14:45	1
Carbazole	0.00297	U	0.0100	0.00297	mg/L		06/01/15 15:09	06/02/15 14:45	1
Chrysene	0.00206	U	0.0100	0.00206	mg/L		06/01/15 15:09	06/02/15 14:45	1
Di-n-butyl phthalate	0.00209	U	0.0100	0.00209	mg/L		06/01/15 15:09	06/02/15 14:45	1
Dibenz(a,h)anthracene	0.00248	U	0.0100	0.00248	mg/L		06/01/15 15:09	06/02/15 14:45	1
Dibenzofuran	0.00228	U	0.0100	0.00228	mg/L		06/01/15 15:09	06/02/15 14:45	1
1,2-Dichlorobenzene	0.00241	U	0.0100	0.00241	mg/L		06/01/15 15:09	06/02/15 14:45	1
1,3-Dichlorobenzene	0.00264	U	0.0100	0.00264	mg/L		06/01/15 15:09	06/02/15 14:45	1
1,4-Dichlorobenzene	0.00194	U	0.0100	0.00194	mg/L		06/01/15 15:09	06/02/15 14:45	1
3,3'-Dichlorobenzidine	0.00237	U	0.0100	0.00237	mg/L		06/01/15 15:09	06/02/15 14:45	1
Diethyl phthalate	0.00259	U	0.0100	0.00259	mg/L		06/01/15 15:09	06/02/15 14:45	1
Dimethyl phthalate	0.00247	U	0.0100	0.00247	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4-Dinitrotoluene	0.00211	U	0.0100	0.00211	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,6-Dinitrotoluene	0.00279	U	0.0100	0.00279	mg/L		06/01/15 15:09	06/02/15 14:45	1
Di-n-octyl phthalate	0.00187	U	0.0100	0.00187	mg/L		06/01/15 15:09	06/02/15 14:45	1
Fluoranthene	0.00244	U	0.0100	0.00244	mg/L		06/01/15 15:09	06/02/15 14:45	1
Fluorene	0.00211	U	0.0100	0.00211	mg/L		06/01/15 15:09	06/02/15 14:45	1
Hexachlorobenzene	0.00328	U	0.0100	0.00328	mg/L		06/01/15 15:09	06/02/15 14:45	1
Hexachlorocyclopentadiene	0.00232	U	0.0100	0.00232	mg/L		06/01/15 15:09	06/02/15 14:45	1
Hexachloroethane	0.00329	U	0.0100	0.00329	mg/L		06/01/15 15:09	06/02/15 14:45	1
Hexachlorobutadiene	0.00257	U	0.0100	0.00257	mg/L		06/01/15 15:09	06/02/15 14:45	1
Indeno[1,2,3-cd]pyrene	0.00309	U	0.0100	0.00309	mg/L		06/01/15 15:09	06/02/15 14:45	1
Isophorone	0.00264	U	0.0100	0.00264	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Methylnaphthalene	0.00258	U	0.0100	0.00258	mg/L		06/01/15 15:09	06/02/15 14:45	1
Naphthalene	0.00220	U	0.0100	0.00220	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Nitroaniline	0.00380	U	0.0100	0.00380	mg/L		06/01/15 15:09	06/02/15 14:45	1
3-Nitroaniline	0.00185	U	0.0100	0.00185	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Nitroaniline	0.00234	U	0.0100	0.00234	mg/L		06/01/15 15:09	06/02/15 14:45	1
Nitrobenzene	0.00259	U	0.0100	0.00259	mg/L		06/01/15 15:09	06/02/15 14:45	1
N-Nitrosodimethylamine	0.00139	U	0.0100	0.00139	mg/L		06/01/15 15:09	06/02/15 14:45	1
N-Nitrosodiphenylamine	0.00201	U	0.0100	0.00201	mg/L		06/01/15 15:09	06/02/15 14:45	1
N-Nitrosodi-n-propylamine	0.00319	U	0.0100	0.00319	mg/L		06/01/15 15:09	06/02/15 14:45	1

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

Lab Sample ID: MB 600-163590/1-A
Matrix: Water
Analysis Batch: 163669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 163590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.00224	U	0.0100	0.00224	mg/L		06/01/15 15:09	06/02/15 14:45	1
Pyrene	0.00300	U	0.0100	0.00300	mg/L		06/01/15 15:09	06/02/15 14:45	1
1,2,4-Trichlorobenzene	0.00205	U	0.0100	0.00205	mg/L		06/01/15 15:09	06/02/15 14:45	1
Benzyl alcohol	0.00198	U	0.0100	0.00198	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Chloro-3-methylphenol	0.00197	U	0.0100	0.00197	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Chlorophenol	0.00219	U	0.0100	0.00219	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Methylphenol	0.00142	U	0.0100	0.00142	mg/L		06/01/15 15:09	06/02/15 14:45	1
3 & 4 Methylphenol	0.00135	U	0.0100	0.00135	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4-Dichlorophenol	0.00216	U	0.0100	0.00216	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4-Dimethylphenol	0.00194	U	0.0100	0.00194	mg/L		06/01/15 15:09	06/02/15 14:45	1
4,6-Dinitro-2-methylphenol	0.00336	U	0.0100	0.00336	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4-Dinitrophenol	0.00546	U	0.0100	0.00546	mg/L		06/01/15 15:09	06/02/15 14:45	1
2-Nitrophenol	0.00210	U	0.0100	0.00210	mg/L		06/01/15 15:09	06/02/15 14:45	1
4-Nitrophenol	0.00280	U	0.0100	0.00280	mg/L		06/01/15 15:09	06/02/15 14:45	1
Pentachlorophenol	0.00315	U	0.0100	0.00315	mg/L		06/01/15 15:09	06/02/15 14:45	1
Phenol	0.00125	U	0.0100	0.00125	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4,5-Trichlorophenol	0.00420	U	0.0100	0.00420	mg/L		06/01/15 15:09	06/02/15 14:45	1
2,4,6-Trichlorophenol	0.00332	U	0.0100	0.00332	mg/L		06/01/15 15:09	06/02/15 14:45	1
bis (2-Chloroisopropyl) ether	0.00292	U	0.0100	0.00292	mg/L		06/01/15 15:09	06/02/15 14:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*95*		*24 - 150*	*06/01/15 15:09*	*06/02/15 14:45*	*1*
2-Fluorophenol	*93*		*10 - 130*	*06/01/15 15:09*	*06/02/15 14:45*	*1*
2-Fluorobiphenyl	*81*		*38 - 133*	*06/01/15 15:09*	*06/02/15 14:45*	*1*
2,4,6-Tribromophenol	*67*		*19 - 150*	*06/01/15 15:09*	*06/02/15 14:45*	*1*
Terphenyl-d14	*93*		*35 - 150*	*06/01/15 15:09*	*06/02/15 14:45*	*1*
Phenol-d5 (Surr)	*87*		*10 - 130*	*06/01/15 15:09*	*06/02/15 14:45*	*1*

Lab Sample ID: LCS 600-163590/2-A
Matrix: Water
Analysis Batch: 163669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.0400	0.03350		mg/L		84	55 - 130
Acenaphthylene	0.0400	0.03509		mg/L		88	52 - 130
Anthracene	0.0400	0.03543		mg/L		89	58 - 130
Benzidine	0.0800	0.02003	J	mg/L		25	10 - 130
Benzo[a]anthracene	0.0400	0.03594		mg/L		90	59 - 130
Benzo[b]fluoranthene	0.0400	0.03544		mg/L		89	57 - 130
Benzo[k]fluoranthene	0.0400	0.03900		mg/L		97	58 - 133
Benzo[g,h,i]perylene	0.0400	0.03128		mg/L		78	46 - 150
Benzo[a]pyrene	0.0400	0.03587		mg/L		90	59 - 130
Bis(2-chloroethoxy)methane	0.0400	0.03582		mg/L		90	52 - 130
Bis(2-chloroethyl)ether	0.0400	0.03600		mg/L		90	50 - 130
Bis(2-ethylhexyl) phthalate	0.0400	0.03867		mg/L		97	57 - 137
4-Bromophenyl phenyl ether	0.0400	0.03229		mg/L		81	52 - 137
Butyl benzyl phthalate	0.0400	0.03789		mg/L		95	55 - 137
4-Chloroaniline	0.0400	0.05120		mg/L		128	16 - 139

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

Lab Sample ID: LCS 600-163590/2-A
Matrix: Water
Analysis Batch: 163669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	0.0400	0.03239		mg/L		81	52 - 130
4-Chlorophenyl phenyl ether	0.0400	0.03282		mg/L		82	58 - 130
Carbazole	0.0400	0.03719		mg/L		93	49 - 137
Chrysene	0.0400	0.03614		mg/L		90	59 - 129
Di-n-butyl phthalate	0.0400	0.03924		mg/L		98	56 - 141
Dibenz(a,h)anthracene	0.0400	0.03397		mg/L		85	54 - 138
Dibenzofuran	0.0400	0.03289		mg/L		82	56 - 130
1,2-Dichlorobenzene	0.0400	0.03390		mg/L		85	31 - 136
1,3-Dichlorobenzene	0.0400	0.03452		mg/L		86	26 - 136
1,4-Dichlorobenzene	0.0400	0.03494		mg/L		87	28 - 136
3,3'-Dichlorobenzidine	0.0400	0.03069		mg/L		77	19 - 150
Diethyl phthalate	0.0400	0.03579		mg/L		89	60 - 132
Dimethyl phthalate	0.0400	0.03470		mg/L		87	58 - 130
2,4-Dinitrotoluene	0.0400	0.03690		mg/L		92	59 - 133
2,6-Dinitrotoluene	0.0400	0.03668		mg/L		92	57 - 130
Di-n-octyl phthalate	0.0400	0.03855		mg/L		96	52 - 148
Fluoranthene	0.0400	0.03738		mg/L		93	54 - 136
Fluorene	0.0400	0.03358		mg/L		84	57 - 130
Hexachlorobenzene	0.0400	0.03185		mg/L		80	49 - 142
Hexachlorocyclopentadiene	0.0400	0.02449		mg/L		61	10 - 130
Hexachloroethane	0.0400	0.03400		mg/L		85	26 - 141
Hexachlorobutadiene	0.0400	0.03203		mg/L		80	29 - 144
Indeno[1,2,3-cd]pyrene	0.0400	0.03047		mg/L		76	53 - 136
Isophorone	0.0400	0.03700		mg/L		93	57 - 121
2-Methylnaphthalene	0.0400	0.03439		mg/L		86	48 - 130
Naphthalene	0.0400	0.03563		mg/L		89	48 - 130
2-Nitroaniline	0.0400	0.03724		mg/L		93	50 - 136
3-Nitroaniline	0.0400	0.04190		mg/L		105	20 - 144
4-Nitroaniline	0.0400	0.06193	*	mg/L		155	21 - 150
Nitrobenzene	0.0400	0.03509		mg/L		88	58 - 130
N-Nitrosodimethylamine	0.0400	0.04131		mg/L		103	18 - 140
N-Nitrosodiphenylamine	0.0796	0.06472		mg/L		81	53 - 126
N-Nitrosodi-n-propylamine	0.0400	0.03766		mg/L		94	52 - 137
Phenanthrene	0.0400	0.03509		mg/L		88	57 - 130
Pyrene	0.0400	0.03615		mg/L		90	58 - 130
1,2,4-Trichlorobenzene	0.0400	0.03428		mg/L		86	38 - 134
Benzyl alcohol	0.0400	0.03573		mg/L		89	30 - 133
4-Chloro-3-methylphenol	0.0400	0.03805		mg/L		95	57 - 130
2-Chlorophenol	0.0400	0.03422		mg/L		86	53 - 130
2-Methylphenol	0.0400	0.03605		mg/L		90	38 - 136
3 & 4 Methylphenol	0.0400	0.03668		mg/L		92	42 - 123
2,4-Dichlorophenol	0.0400	0.03363		mg/L		84	53 - 130
2,4-Dimethylphenol	0.0400	0.03607		mg/L		90	53 - 130
4,6-Dinitro-2-methylphenol	0.0800	0.07094		mg/L		89	40 - 145
2,4-Dinitrophenol	0.0800	0.06688		mg/L		84	23 - 138
2-Nitrophenol	0.0400	0.03292		mg/L		82	53 - 130
4-Nitrophenol	0.0800	0.06411		mg/L		80	10 - 130
Pentachlorophenol	0.0800	0.05815		mg/L		73	29 - 130

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

Lab Sample ID: LCS 600-163590/2-A
Matrix: Water
Analysis Batch: 163669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 163590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	0.0400	0.03620		mg/L		91	10 - 130
2,4,5-Trichlorophenol	0.0400	0.03357		mg/L		84	49 - 130
2,4,6-Trichlorophenol	0.0400	0.03331		mg/L		83	53 - 130
bis (2-Chloroisopropyl) ether	0.0400	0.03710		mg/L		93	47 - 139

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*99*		*24 - 150*
2-Fluorophenol	*95*		*10 - 130*
2-Fluorobiphenyl	*87*		*38 - 133*
2,4,6-Tribromophenol	*89*		*19 - 150*
Terphenyl-d14	*98*		*35 - 150*
Phenol-d5 (Surr)	*98*		*10 - 130*

Lab Sample ID: LB 600-163301/1-D
Matrix: Solid
Analysis Batch: 163490

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 163442

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		05/29/15 13:53	05/30/15 13:39	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		05/29/15 13:53	05/30/15 13:39	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		05/29/15 13:53	05/30/15 13:39	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		05/29/15 13:53	05/30/15 13:39	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		05/29/15 13:53	05/30/15 13:39	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		05/29/15 13:53	05/30/15 13:39	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		05/29/15 13:53	05/30/15 13:39	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		05/29/15 13:53	05/30/15 13:39	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		05/29/15 13:53	05/30/15 13:39	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		05/29/15 13:53	05/30/15 13:39	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		05/29/15 13:53	05/30/15 13:39	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		05/29/15 13:53	05/30/15 13:39	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*89*		*35 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
2-Fluorophenol	*83*		*10 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
2-Fluorobiphenyl	*81*		*41 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
2,4,6-Tribromophenol	*83*		*12 - 138*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
Terphenyl-d14	*105*		*43 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
Phenol-d5	*72*		*10 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*
Phenol-d5 (Surr)	*72*		*10 - 130*	*05/29/15 13:53*	*05/30/15 13:39*	*1*

Lab Sample ID: 600-112158-1 MS
Matrix: Water
Analysis Batch: 163586

Client Sample ID: FT 1001 05.26.2015
Prep Type: TCLP
Prep Batch: 163442

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0108	U	0.250	0.2213		mg/L		89	10 - 130
1,4-Dichlorobenzene	0.00890	U	0.250	0.2024		mg/L		81	57 - 130
2,4-Dinitrotoluene	0.0132	U	0.250	0.2393		mg/L		96	60 - 130

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

Lab Sample ID: 600-112158-1 MS
Matrix: Water
Analysis Batch: 163586

Client Sample ID: FT 1001 05.26.2015
Prep Type: TCLP
Prep Batch: 163442

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	0.0130	U	0.250	0.2367		mg/L		95	61 - 130
Hexachloroethane	0.0110	U	0.250	0.2307		mg/L		92	52 - 130
Hexachlorobutadiene	0.0106	U	0.250	0.1918		mg/L		77	52 - 130
Nitrobenzene	0.0124	U	0.250	0.2345		mg/L		94	55 - 130
2-Methylphenol	0.991	E	0.250	1.287	E	mg/L		118	39 - 130
3 & 4 Methylphenol	0.845	E	0.250	1.149	E	mg/L		121	29 - 130
Pentachlorophenol	0.0231	U	0.500	0.4345		mg/L		87	29 - 141
2,4,5-Trichlorophenol	0.0136	U	0.250	0.2201		mg/L		88	51 - 130
2,4,6-Trichlorophenol	0.0131	J	0.250	0.2386		mg/L		90	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*90*		*35 - 130*
2-Fluorophenol	*78*		*10 - 130*
2-Fluorobiphenyl	*85*		*41 - 130*
2,4,6-Tribromophenol	*98*		*12 - 138*
Terphenyl-d14	*84*		*43 - 130*
Phenol-d5 (Surr)	*70*		*10 - 130*

Lab Sample ID: LB 600-163404/1-D
Matrix: Solid
Analysis Batch: 163615

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 163569

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	0.0108	U	0.0500	0.0108	mg/L		06/01/15 11:26	06/02/15 16:54	1
1,4-Dichlorobenzene	0.00890	U	0.0500	0.00890	mg/L		06/01/15 11:26	06/02/15 16:54	1
2,4-Dinitrotoluene	0.0132	U	0.0500	0.0132	mg/L		06/01/15 11:26	06/02/15 16:54	1
Hexachlorobenzene	0.0130	U	0.0500	0.0130	mg/L		06/01/15 11:26	06/02/15 16:54	1
Hexachloroethane	0.0110	U	0.0500	0.0110	mg/L		06/01/15 11:26	06/02/15 16:54	1
Hexachlorobutadiene	0.0106	U	0.0500	0.0106	mg/L		06/01/15 11:26	06/02/15 16:54	1
Nitrobenzene	0.0124	U	0.0500	0.0124	mg/L		06/01/15 11:26	06/02/15 16:54	1
2-Methylphenol	0.00905	U	0.0500	0.00905	mg/L		06/01/15 11:26	06/02/15 16:54	1
3 & 4 Methylphenol	0.00940	U	0.100	0.00940	mg/L		06/01/15 11:26	06/02/15 16:54	1
Pentachlorophenol	0.0231	U	0.250	0.0231	mg/L		06/01/15 11:26	06/02/15 16:54	1
2,4,5-Trichlorophenol	0.0136	U	0.0500	0.0136	mg/L		06/01/15 11:26	06/02/15 16:54	1
2,4,6-Trichlorophenol	0.0129	U	0.0500	0.0129	mg/L		06/01/15 11:26	06/02/15 16:54	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*66*		*35 - 130*	*06/01/15 11:26*	*06/02/15 16:54*	*1*
2-Fluorophenol	*53*		*10 - 130*	*06/01/15 11:26*	*06/02/15 16:54*	*1*
2-Fluorobiphenyl	*69*		*41 - 130*	*06/01/15 11:26*	*06/02/15 16:54*	*1*
2,4,6-Tribromophenol	*89*		*12 - 138*	*06/01/15 11:26*	*06/02/15 16:54*	*1*
Terphenyl-d14	*82*		*43 - 130*	*06/01/15 11:26*	*06/02/15 16:54*	*1*
Phenol-d5	*40*		*10 - 130*	*06/01/15 11:26*	*06/02/15 16:54*	*1*

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

Lab Sample ID: 600-112158-2 MS — **Client Sample ID: OT 25229 05.26.2015**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163615 — **Prep Batch: 163569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0108	U F1	0.250	0.01764	J F1	mg/L		7	10 - 130
1,4-Dichlorobenzene	0.00890	U F1	0.250	0.02971	J F1	mg/L		12	57 - 130
2,4-Dinitrotoluene	0.0132	U F1	0.250	0.07323	F1	mg/L		29	60 - 130
Hexachlorobenzene	0.0130	U F1	0.250	0.06663	F1	mg/L		27	61 - 130
Hexachloroethane	0.0110	U F1	0.250	0.03294	J F1	mg/L		13	52 - 130
Hexachlorobutadiene	0.0106	U F1	0.250	0.04455	J F1	mg/L		18	52 - 130
Nitrobenzene	0.0124	U F1	0.250	0.06153	F1	mg/L		25	55 - 130
2-Methylphenol	2.88	E	0.250	1.565	E 4	mg/L		-524	39 - 130
3 & 4 Methylphenol	3.01	E	0.250	1.622	E 4	mg/L		-555	29 - 130
Pentachlorophenol	0.0231	U F1	0.500	0.1222	J F1	mg/L		24	29 - 141
2,4,5-Trichlorophenol	0.0136	U F1	0.250	0.06729	F1	mg/L		27	51 - 130
2,4,6-Trichlorophenol	0.216	F1	0.250	0.1429	F1	mg/L		-29	49 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*22*	*X*	*35 - 130*
2-Fluorophenol	*12*		*10 - 130*
2-Fluorobiphenyl	*28*	*X*	*41 - 130*
2,4,6-Tribromophenol	*29*		*12 - 138*
Terphenyl-d14	*26*	*X*	*43 - 130*
Phenol-d5	*13*		*10 - 130*

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

Lab Sample ID: MB 600-163327/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163285 — **Prep Batch: 163327**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	3.80	U	10.0	3.80	mg/Kg		05/28/15 11:54	05/28/15 16:34	1
>C12-C28	4.06	U	10.0	4.06	mg/Kg		05/28/15 11:54	05/28/15 16:34	1
>C28-C35	4.06	U	10.0	4.06	mg/Kg		05/28/15 11:54	05/28/15 16:34	1
C6-C35	3.80	U	10.0	3.80	mg/Kg		05/28/15 11:54	05/28/15 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*70 - 130*	*05/28/15 11:54*	*05/28/15 16:34*	*1*

Lab Sample ID: LCS 600-163327/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163285 — **Prep Batch: 163327**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C6-C12	250	223.7		mg/Kg		89	75 - 125
>C12-C28	250	195.3		mg/Kg		78	75 - 125
C6-C35	500	419.0		mg/Kg		84	75 - 125

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

Lab Sample ID: LCSD 600-163327/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163285 — **Prep Batch: 163327**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12			250	220.2		mg/Kg		88	75 - 125	2	20
>C12-C28			250	207.3		mg/Kg		83	75 - 125	6	20
C6-C35			500	427.5		mg/Kg		86	75 - 125	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: MB 600-163575/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163577 — **Prep Batch: 163575**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C12	0.830	U	2.00	0.830	mg/L		06/01/15 12:50	06/01/15 14:49	1
>C12-C28	0.960	U	2.00	0.960	mg/L		06/01/15 12:50	06/01/15 14:49	1
>C28-C35	0.960	U	2.00	0.960	mg/L		06/01/15 12:50	06/01/15 14:49	1
C6-C35	0.830	U	2.00	0.830	mg/L		06/01/15 12:50	06/01/15 14:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*118*		*70 - 130*	*06/01/15 12:50*	*06/01/15 14:49*	*1*

Lab Sample ID: LCS 600-163575/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163577 — **Prep Batch: 163575**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C12			33.3	31.36		mg/L		94	75 - 125		
>C12-C28			33.3	30.77		mg/L		92	75 - 125		
C6-C35			66.7	62.13		mg/L		93	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: LCSD 600-163575/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163577 — **Prep Batch: 163575**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C12			33.3	31.13		mg/L		93	75 - 125	1	20
>C12-C28			33.3	29.61		mg/L		89	75 - 125	4	20
C6-C35			66.7	60.74		mg/L		91	75 - 125	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*113*		*70 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 600-163358/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163429 — **Prep Batch: 163358**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		05/28/15 15:29	05/29/15 14:57	1
Barium	0.00220	U	0.0200	0.00220	mg/L		05/28/15 15:29	05/29/15 14:57	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		05/28/15 15:29	05/29/15 14:57	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		05/28/15 15:29	05/29/15 14:57	1
Lead	0.00290	U	0.0100	0.00290	mg/L		05/28/15 15:29	05/29/15 14:57	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		05/28/15 15:29	05/29/15 14:57	1
Silver	0.00125	U	0.0100	0.00125	mg/L		05/28/15 15:29	05/29/15 14:57	1

Lab Sample ID: LCS 600-163358/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163429 — **Prep Batch: 163358**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.038		mg/L		104	80 - 120
Barium	1.00	1.058		mg/L		106	80 - 120
Cadmium	0.500	0.5185		mg/L		104	80 - 120
Chromium	1.00	1.017		mg/L		102	80 - 120
Lead	1.00	1.013		mg/L		101	80 - 120
Selenium	1.00	1.030		mg/L		103	80 - 120
Silver	0.500	0.5179		mg/L		104	80 - 120

Lab Sample ID: MB 600-163457/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163675 — **Prep Batch: 163457**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00328	U	0.0100	0.00328	mg/L		05/29/15 14:42	06/02/15 12:19	1
Barium	0.01023	J	0.0200	0.00220	mg/L		05/29/15 14:42	06/02/15 12:19	1
Cadmium	0.000350	U	0.00500	0.000350	mg/L		05/29/15 14:42	06/02/15 12:19	1
Chromium	0.00155	U	0.0100	0.00155	mg/L		05/29/15 14:42	06/02/15 12:19	1
Lead	0.00290	U	0.0100	0.00290	mg/L		05/29/15 14:42	06/02/15 12:19	1
Selenium	0.00417	U	0.0400	0.00417	mg/L		05/29/15 14:42	06/02/15 12:19	1
Silver	0.00125	U	0.0100	0.00125	mg/L		05/29/15 14:42	06/02/15 12:19	1

Lab Sample ID: LCS 600-163457/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163675 — **Prep Batch: 163457**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.012		mg/L		101	80 - 120
Barium	1.00	1.013		mg/L		101	80 - 120
Cadmium	0.500	0.5004		mg/L		100	80 - 120
Chromium	1.00	0.9999		mg/L		100	80 - 120
Lead	1.00	1.019		mg/L		102	80 - 120
Selenium	1.00	0.9989		mg/L		100	80 - 120
Silver	0.500	0.5131		mg/L		103	80 - 120

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

Lab Sample ID: MB 490-252181/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 252820 — **Prep Batch: 252181**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.904	U	2.01	0.904	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Barium	1.61	U	2.01	1.61	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Cadmium	0.100	U	1.00	0.100	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Chromium	0.602	U	1.00	0.602	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Lead	0.502	U	1.00	0.502	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Selenium	1.00	U	2.01	1.00	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Silver	0.502	U	1.00	0.502	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Sodium	100	U	201	100	mg/Kg		05/29/15 13:42	06/01/15 13:57	1
Sulfur	20.1	U	50.2	20.1	mg/Kg		05/29/15 13:42	06/01/15 13:57	1

Lab Sample ID: LCS 490-252181/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 252820 — **Prep Batch: 252181**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	19.8	20.79		mg/Kg		105	80 - 120
Barium	792	845.5		mg/Kg		107	80 - 120
Cadmium	19.8	20.67		mg/Kg		104	80 - 120
Chromium	79.2	76.77		mg/Kg		97	80 - 120
Lead	19.8	20.69		mg/Kg		105	80 - 120
Selenium	19.8	20.53		mg/Kg		104	80 - 120
Silver	19.8	19.88		mg/Kg		100	80 - 120
Sodium	1980	2069		mg/Kg		105	80 - 120
Sulfur	396	403.2		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 490-252181/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 252820 — **Prep Batch: 252181**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	19.1	19.12		mg/Kg		100	80 - 120	8	20
Barium	765	782.2		mg/Kg		102	80 - 120	8	20
Cadmium	19.1	19.22		mg/Kg		100	80 - 120	7	20
Chromium	76.5	69.56		mg/Kg		91	80 - 120	10	20
Lead	19.1	19.16		mg/Kg		100	80 - 120	8	20
Selenium	19.1	18.95		mg/Kg		99	80 - 120	8	20
Silver	19.1	18.26		mg/Kg		95	80 - 120	9	20
Sodium	1910	1880		mg/Kg		98	80 - 120	10	20
Sulfur	382	375.1		mg/Kg		98	80 - 120	7	20

Lab Sample ID: MB 490-252517/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252872 — **Prep Batch: 252517**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00720	U	0.0100	0.00720	mg/L		05/31/15 10:29	06/01/15 21:51	1
Barium	0.00500	U	0.0100	0.00500	mg/L		05/31/15 10:29	06/01/15 21:51	1
Lead	0.00200	U	0.00500	0.00200	mg/L		05/31/15 10:29	06/01/15 21:51	1
Selenium	0.00500	U	0.0100	0.00500	mg/L		05/31/15 10:29	06/01/15 21:51	1

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

Lab Sample ID: MB 490-252517/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252872 — **Prep Batch: 252517**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.00250	U	0.00500	0.00250	mg/L		05/31/15 10:29	06/01/15 21:51	1
Sulfur	0.100	U	0.250	0.100	mg/L		05/31/15 10:29	06/01/15 21:51	1

Lab Sample ID: MB 490-252517/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 253069 — **Prep Batch: 252517**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.000500	U	0.00100	0.000500	mg/L		05/31/15 10:29	06/02/15 14:11	1
Chromium	0.00300	U	0.00500	0.00300	mg/L		05/31/15 10:29	06/02/15 14:11	1

Lab Sample ID: LCS 490-252517/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252872 — **Prep Batch: 252517**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0500	0.05280		mg/L		106	80 - 120
Barium	2.00	2.244		mg/L		112	80 - 120
Lead	0.0500	0.05640		mg/L		113	80 - 120
Selenium	0.0500	0.04870		mg/L		97	80 - 120
Silver	0.0500	0.05450		mg/L		109	80 - 120
Sulfur	1.00	1.016		mg/L		102	80 - 120

Lab Sample ID: LCS 490-252517/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 253069 — **Prep Batch: 252517**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.0500	0.05130		mg/L		103	80 - 120
Chromium	0.200	0.2067		mg/L		103	80 - 120

Lab Sample ID: LCSD 490-252517/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252872 — **Prep Batch: 252517**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.100	0.1059	*	mg/L		106	80 - 120	67	20
Barium	4.00	4.439	*	mg/L		111	80 - 120	66	20
Lead	0.100	0.1099	*	mg/L		110	80 - 120	64	20
Selenium	0.100	0.1046	*	mg/L		105	80 - 120	73	20
Silver	0.0500	0.05540		mg/L		111	80 - 120	2	20
Sulfur	1.00	1.018		mg/L		102	80 - 120	0	20

Lab Sample ID: LCSD 490-252517/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 253069 — **Prep Batch: 252517**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.100	0.1018	*	mg/L		102	80 - 120	66	20

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

Lab Sample ID: LCSD 490-252517/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 253069 — **Prep Batch: 252517**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.400	0.4094	*	mg/L		102	80 - 120	66	20

Lab Sample ID: LB 600-163301/1-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 163429 — **Prep Batch: 163358**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		05/28/15 15:29	05/29/15 15:01	1
Barium	0.2690		0.200	0.0220	mg/L		05/28/15 15:29	05/29/15 15:01	1
Cadmium	0.005000	J	0.0500	0.00350	mg/L		05/28/15 15:29	05/29/15 15:01	1
Chromium	0.0155	U	0.100	0.0155	mg/L		05/28/15 15:29	05/29/15 15:01	1
Lead	0.0290	U	0.100	0.0290	mg/L		05/28/15 15:29	05/29/15 15:01	1
Selenium	0.0417	U	0.400	0.0417	mg/L		05/28/15 15:29	05/29/15 15:01	1
Silver	0.0125	U	0.100	0.0125	mg/L		05/28/15 15:29	05/29/15 15:01	1

Lab Sample ID: 600-112158-1 MS — **Client Sample ID: FT 1001 05.26.2015**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 163429 — **Prep Batch: 163358**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	10.71		mg/L		107	75 - 125
Barium	0.175	J B	10.0	10.72		mg/L		105	75 - 125
Cadmium	0.00350	U	5.00	5.302		mg/L		106	75 - 125
Chromium	0.0155	U	10.0	10.21		mg/L		102	75 - 125
Lead	0.0290	U	10.0	10.38		mg/L		104	75 - 125
Selenium	0.0417	U	10.0	10.75		mg/L		108	75 - 125
Silver	0.0125	U	5.00	5.295		mg/L		106	75 - 125

Lab Sample ID: LB 600-163404/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163675 — **Prep Batch: 163457**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0328	U	0.100	0.0328	mg/L		05/29/15 14:42	06/02/15 12:47	1
Barium	0.2192		0.200	0.0220	mg/L		05/29/15 14:42	06/02/15 12:47	1
Cadmium	0.00350	U	0.0500	0.00350	mg/L		05/29/15 14:42	06/02/15 12:47	1
Chromium	0.0155	U	0.100	0.0155	mg/L		05/29/15 14:42	06/02/15 12:47	1
Lead	0.0290	U	0.100	0.0290	mg/L		05/29/15 14:42	06/02/15 12:47	1
Selenium	0.0417	U	0.400	0.0417	mg/L		05/29/15 14:42	06/02/15 12:47	1
Silver	0.0125	U	0.100	0.0125	mg/L		05/29/15 14:42	06/02/15 12:47	1

Lab Sample ID: 600-112158-2 MS — **Client Sample ID: OT 25229 05.26.2015**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163675 — **Prep Batch: 163457**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0328	U	10.0	10.28		mg/L		103	75 - 125
Barium	0.647	B	10.0	10.15		mg/L		95	75 - 125
Cadmium	0.00350	U	5.00	4.745		mg/L		95	75 - 125

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

Lab Sample ID: 600-112158-2 MS — **Client Sample ID: OT 25229 05.26.2015**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163675 — **Prep Batch: 163457**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.0155	U	10.0	9.519		mg/L		95	75 - 125
Lead	0.0290	U	10.0	9.887		mg/L		99	75 - 125
Selenium	0.0417	U	10.0	10.35		mg/L		104	75 - 125
Silver	0.0125	U	5.00	5.235		mg/L		105	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 600-163485/7-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163597 — **Prep Batch: 163485**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0001263	J	0.000200	0.0000820	mg/L		05/29/15 19:08	06/01/15 14:26	1

Lab Sample ID: LCS 600-163485/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 163597 — **Prep Batch: 163485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1490		mg/L		97	70 - 130

Lab Sample ID: MB 600-163623/7-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163704 — **Prep Batch: 163623**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000820	U	0.000200	0.0000820	mg/L		06/02/15 07:47	06/02/15 13:02	1

Lab Sample ID: LCS 600-163623/8-A ^50 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 163704 — **Prep Batch: 163623**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.153	0.1528		mg/L		100	70 - 130

Lab Sample ID: LB 600-163301/1-F — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 163597 — **Prep Batch: 163485**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0001722	J	0.000200	0.0000820	mg/L		05/29/15 19:08	06/01/15 15:22	1

Lab Sample ID: 600-112158-1 MS — **Client Sample ID: FT 1001 05.26.2015**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 163597 — **Prep Batch: 163485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000184	J B	0.00300	0.003154		mg/L		99	75 - 125

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

Lab Sample ID: LB 600-163404/1-E — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163704 — **Prep Batch: 163623**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0001339	J	0.000200	0.0000820	mg/L		06/02/15 07:47	06/02/15 13:31	1

Lab Sample ID: LB 600-163479/1-E — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163704 — **Prep Batch: 163623**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00008241	J	0.000200	0.0000820	mg/L		06/02/15 07:47	06/02/15 13:37	1

Lab Sample ID: 600-112158-2 MS — **Client Sample ID: OT 25229 05.26.2015**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 163704 — **Prep Batch: 163623**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000215	B	0.00300	0.003189		mg/L		99	75 - 125

Method: 9020B - Organic Halides, Total (TOX)

Lab Sample ID: LB 490-252382/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252796

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Total Organic	0.0150	U	0.0300	0.0150	mg/L			06/02/15 19:13	1

Lab Sample ID: MB 490-252796/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Total Organic	0.0150	U	0.0300	0.0150	mg/L			05/29/15 08:00	1

Lab Sample ID: LCS 490-252796/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Total Organic	0.250	0.2345		mg/L		94	90 - 110

Lab Sample ID: LCSD 490-252796/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 252796

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Total Organic	0.250	0.2380		mg/L		95	90 - 110	1	20

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 240-183474/3-A
Matrix: Solid
Analysis Batch: 183575

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 183474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	33.8	U	199	33.8	mg/Kg		06/03/15 06:03	06/03/15 09:19	1

Lab Sample ID: LCS 240-183474/4-A
Matrix: Solid
Analysis Batch: 183575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 183474

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Halogens, Extractable Organic			1000	996.4		mg/Kg		100	75 - 125		

Method: D240-87 - Heat of Combustion

Lab Sample ID: MB 600-163360/1
Matrix: Water
Analysis Batch: 163360

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
BTU	500	U	500	500	BTU/lb			05/28/15 14:30	1

Lab Sample ID: LCS 600-163360/2
Matrix: Water
Analysis Batch: 163360

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
BTU			11400	10920		BTU/lb		96	90 - 110		

QC Association Summary

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

TestAmerica Job ID: 600-112158-1

GC/MS VOA

Leach Batch: 143333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	1311	
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	1311	
LB 180-143333/12-A	Method Blank	TCLP	Solid	1311	

Leach Batch: 143345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	1311	

Analysis Batch: 143388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	8260B	143345
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	8260B	143333
LB 180-143333/12-A	Method Blank	TCLP	Solid	8260B	143333
LCS 180-143388/11	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 143526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	8260B	143333
LB 180-143333/12-A	Method Blank	TCLP	Solid	8260B	143333
LCS 180-143526/8	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 163199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-163230/1-A	Lab Control Sample	Total/NA	Solid	8260B	163230
LCSD 600-163230/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	163230
MB 600-163230/3-A	Method Blank	Total/NA	Solid	8260B	163230

Prep Batch: 163230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	Total/NA	Solid	5030B	
LCS 600-163230/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 600-163230/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 600-163230/3-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 163311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	Total/NA	Solid	8260B	163230

Analysis Batch: 163313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	8260B	163320
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	8260B	163320
LCS 600-163313/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 600-163313/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 600-163313/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 163320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	5030B	
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	5030B	

GC/MS VOA (Continued)

Analysis Batch: 259232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	8260B	
LCS 400-259232/1002	Lab Control Sample	Total/NA	Water	8260B	
MB 400-259232/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 259251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	Total/NA	Water	8260B	
LCS 400-259251/1002	Lab Control Sample	Total/NA	Water	8260B	
MB 400-259251/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Leach Batch: 163301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	TCLP	Water	1311	
600-112158-1	FT 1001 05.26.2015	TCLP	Water	1311	
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	1311	
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	1311	
LB 600-163301/1-D	Method Blank	TCLP	Solid	1311	

Leach Batch: 163404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	TCLP	Solid	1311	
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	1311	
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	1311	
LB 600-163404/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 163442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	TCLP	Water	3510C	163301
600-112158-1	FT 1001 05.26.2015	TCLP	Water	3510C	163301
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	3510C	163301
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	3510C	163301
LB 600-163301/1-D	Method Blank	TCLP	Solid	3510C	163301
LCS 600-163442/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 600-163442/1-A	Method Blank	Total/NA	Solid	3510C	

Prep Batch: 163463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	3546	
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	3546	
LCS 600-163463/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 600-163463/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 163490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-163301/1-D	Method Blank	TCLP	Solid	8270C	163442
LCS 600-163442/2-A	Lab Control Sample	Total/NA	Solid	8270C	163442
MB 600-163442/1-A	Method Blank	Total/NA	Solid	8270C	163442

GC/MS Semi VOA (Continued)

Prep Batch: 163569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	TCLP	Solid	3510C	163404
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	3510C	163404
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	3510C	163404
LB 600-163404/1-D	Method Blank	TCLP	Solid	3510C	163404
LCS 600-163569/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 600-163569/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 163586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	8270C	163442
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	8270C	163442
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	8270C	163463
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	8270C	163442
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	8270C	163463
LCS 600-163463/2-A	Lab Control Sample	Total/NA	Solid	8270C	163463
MB 600-163463/1-A	Method Blank	Total/NA	Solid	8270C	163463

Prep Batch: 163590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	Total/NA	Water	3510C	
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	3510C	
LCS 600-163590/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 600-163590/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 163615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	8270C	163569
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	8270C	163569
LB 600-163404/1-D	Method Blank	TCLP	Solid	8270C	163569
LCS 600-163569/2-A	Lab Control Sample	Total/NA	Solid	8270C	163569
MB 600-163569/1-A	Method Blank	Total/NA	Solid	8270C	163569

Analysis Batch: 163618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	TCLP	Water	8270C	163442

Analysis Batch: 163669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	8270C	163590
LCS 600-163590/2-A	Lab Control Sample	Total/NA	Water	8270C	163590
MB 600-163590/1-A	Method Blank	Total/NA	Water	8270C	163590

Analysis Batch: 163728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	Total/NA	Water	8270C	163590

Analysis Batch: 163832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	TCLP	Solid	8270C	163569

QC Association Summary

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

TestAmerica Job ID: 600-112158-1

GC Semi VOA

Analysis Batch: 163284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	Total/NA	Solid	TX 1005	163327
600-112158-3 - DL	OT 25480 05.26.2015	Total/NA	Solid	TX 1005	163327

Analysis Batch: 163285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 600-163327/2-A	Lab Control Sample	Total/NA	Solid	TX 1005	163327
LCSD 600-163327/3-A	Lab Control Sample Dup	Total/NA	Solid	TX 1005	163327
MB 600-163327/1-A	Method Blank	Total/NA	Solid	TX 1005	163327

Prep Batch: 163327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2 - DL	OT 25229 05.26.2015	Total/NA	Solid	TX_1005_S_Prep	
600-112158-3 - DL	OT 25480 05.26.2015	Total/NA	Solid	TX_1005_S_Prep	
LCS 600-163327/2-A	Lab Control Sample	Total/NA	Solid	TX_1005_S_Prep	
LCSD 600-163327/3-A	Lab Control Sample Dup	Total/NA	Solid	TX_1005_S_Prep	
MB 600-163327/1-A	Method Blank	Total/NA	Solid	TX_1005_S_Prep	

Prep Batch: 163575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	Total/NA	Water	TX_1005_W_Prep	
LCS 600-163575/2-A	Lab Control Sample	Total/NA	Water	TX_1005_W_Prep	
LCSD 600-163575/3-A	Lab Control Sample Dup	Total/NA	Water	TX_1005_W_Prep	
MB 600-163575/1-A	Method Blank	Total/NA	Water	TX_1005_W_Prep	

Analysis Batch: 163577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 - DL	FT 1001 05.26.2015	Total/NA	Water	TX 1005	163575
LCS 600-163575/2-A	Lab Control Sample	Total/NA	Water	TX 1005	163575
LCSD 600-163575/3-A	Lab Control Sample Dup	Total/NA	Water	TX 1005	163575
MB 600-163575/1-A	Method Blank	Total/NA	Water	TX 1005	163575

Metals

Leach Batch: 163301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	1311	
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	1311	
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	1311	
LB 600-163301/1-B	Method Blank	TCLP	Water	1311	
LB 600-163301/1-F	Method Blank	TCLP	Water	1311	

Prep Batch: 163358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	3010A	163301

Metals (Continued)

Prep Batch: 163358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	3010A	163301
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	3010A	163301
LB 600-163301/1-B	Method Blank	TCLP	Water	3010A	163301
LCS 600-163358/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 600-163358/1-A	Method Blank	Total/NA	Water	3010A	

Leach Batch: 163404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	1311	
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	1311	
LB 600-163404/1-B	Method Blank	TCLP	Solid	1311	
LB 600-163404/1-E	Method Blank	TCLP	Solid	1311	

Analysis Batch: 163429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	6010B	163358
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	6010B	163358
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	6010B	163358
LB 600-163301/1-B	Method Blank	TCLP	Water	6010B	163358
LCS 600-163358/2-A	Lab Control Sample	Total/NA	Water	6010B	163358
MB 600-163358/1-A	Method Blank	Total/NA	Water	6010B	163358

Prep Batch: 163457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	3010A	163404
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	3010A	163404
LB 600-163404/1-B	Method Blank	TCLP	Solid	3010A	163404
LCS 600-163457/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 600-163457/1-A	Method Blank	Total/NA	Solid	3010A	

Leach Batch: 163479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 600-163479/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 163485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	7470A	163301
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	7470A	163301
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	7470A	163301
LB 600-163301/1-F	Method Blank	TCLP	Water	7470A	163301
LCS 600-163485/8-A ^50	Lab Control Sample	Total/NA	Water	7470A	
MB 600-163485/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 163597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	TCLP	Water	7470A	163485
600-112158-1 MS	FT 1001 05.26.2015	TCLP	Water	7470A	163485
600-112158-3	OT 25480 05.26.2015	TCLP	Solid	7470A	163485
LB 600-163301/1-F	Method Blank	TCLP	Water	7470A	163485
LCS 600-163485/8-A ^50	Lab Control Sample	Total/NA	Water	7470A	163485
MB 600-163485/7-A	Method Blank	Total/NA	Water	7470A	163485

QC Association Summary

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

TestAmerica Job ID: 600-112158-1

Prep Batch: 163623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	7470A	163404
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	7470A	163404
LB 600-163404/1-E	Method Blank	TCLP	Solid	7470A	163404
LB 600-163479/1-E	Method Blank	TCLP	Solid	7470A	163479
LCS 600-163623/8-A ^50	Lab Control Sample	Total/NA	Solid	7470A	
MB 600-163623/7-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 163675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	6010B	163457
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	6010B	163457
LB 600-163404/1-B	Method Blank	TCLP	Solid	6010B	163457
LCS 600-163457/2-A	Lab Control Sample	Total/NA	Solid	6010B	163457
MB 600-163457/1-A	Method Blank	Total/NA	Solid	6010B	163457

Analysis Batch: 163704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	TCLP	Solid	7470A	163623
600-112158-2 MS	OT 25229 05.26.2015	TCLP	Solid	7470A	163623
LB 600-163404/1-E	Method Blank	TCLP	Solid	7470A	163623
LB 600-163479/1-E	Method Blank	TCLP	Solid	7470A	163623
LCS 600-163623/8-A ^50	Lab Control Sample	Total/NA	Solid	7470A	163623
MB 600-163623/7-A	Method Blank	Total/NA	Solid	7470A	163623

Prep Batch: 252181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	3051A	
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	3051A	
LCS 490-252181/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 490-252181/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	
MB 490-252181/1-A	Method Blank	Total/NA	Solid	3051A	

Prep Batch: 252517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	3010A	
LCS 490-252517/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 490-252517/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 490-252517/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 252820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	6010B	252181
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	6010B	252181
LCS 490-252181/2-A	Lab Control Sample	Total/NA	Solid	6010B	252181
LCSD 490-252181/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	252181
MB 490-252181/1-A	Method Blank	Total/NA	Solid	6010B	252181

Analysis Batch: 252872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	6010B	252517
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	6010B	252517
LCS 490-252517/2-A	Lab Control Sample	Total/NA	Water	6010B	252517
LCSD 490-252517/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	252517

Metals (Continued)

Analysis Batch: 252872 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 490-252517/1-A	Method Blank	Total/NA	Water	6010B	252517

Analysis Batch: 253069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	6010B	252517
LCS 490-252517/2-A	Lab Control Sample	Total/NA	Water	6010B	252517
LCSD 490-252517/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	252517
MB 490-252517/1-A	Method Blank	Total/NA	Water	6010B	252517

General Chemistry

Analysis Batch: 163360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	D240-87	
LCS 600-163360/2	Lab Control Sample	Total/NA	Water	D240-87	
MB 600-163360/1	Method Blank	Total/NA	Water	D240-87	

Prep Batch: 183474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	9023	
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	9023	
LCS 240-183474/4-A	Lab Control Sample	Total/NA	Solid	9023	
MB 240-183474/3-A	Method Blank	Total/NA	Solid	9023	

Analysis Batch: 183575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-2	OT 25229 05.26.2015	Total/NA	Solid	9023	183474
600-112158-3	OT 25480 05.26.2015	Total/NA	Solid	9023	183474
LCS 240-183474/4-A	Lab Control Sample	Total/NA	Solid	9023	183474
MB 240-183474/3-A	Method Blank	Total/NA	Solid	9023	183474

Leach Batch: 252382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 490-252382/1-A	Method Blank	Total/NA	Water	D3987-85	

Analysis Batch: 252796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-112158-1	FT 1001 05.26.2015	Total/NA	Water	9020B	
LB 490-252382/1-A	Method Blank	Total/NA	Water	9020B	252382
LCS 490-252796/4	Lab Control Sample	Total/NA	Water	9020B	
LCSD 490-252796/5	Lab Control Sample Dup	Total/NA	Water	9020B	
MB 490-252796/6	Method Blank	Total/NA	Water	9020B	

Lab Chronicle

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: FT 1001 05.26.2015

Lab Sample ID: 600-112158-1

Date Collected: 05/26/15 15:37
Matrix: Water
Date Received: 05/27/15 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			1.0 g	1.0 mL	143345	05/31/15 10:51	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	143388	06/01/15 19:27	PJJ	TAL PIT
Total/NA	Analysis	8260B		10	5 mL	5 mL	259232	06/01/15 03:11	WPD	TAL PEN
Total/NA	Analysis	8260B	DL	20	5 mL	5 mL	259251	06/01/15 19:56	CLN	TAL PEN
TCLP	Leach	1311	DL		1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	3510C	DL		200 mL	1.0 mL	163442	05/29/15 13:53	LER	TAL HOU
TCLP	Analysis	8270C	DL	10	200 mL	1.0 mL	163618	06/02/15 10:30	KP1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	163442	05/29/15 13:53	LER	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	163586	06/02/15 02:28	PXS	TAL HOU
Total/NA	Prep	3510C			250 mL	1.0 mL	163590	06/01/15 15:09	SMB	TAL HOU
Total/NA	Analysis	8270C		50	250 mL	1.0 mL	163669	06/02/15 17:15	PXS	TAL HOU
Total/NA	Prep	3510C	DL		250 mL	1.0 mL	163590	06/01/15 15:09	SMB	TAL HOU
Total/NA	Analysis	8270C	DL	100	250 mL	1.0 mL	163728	06/03/15 08:09	TTD	TAL HOU
Total/NA	Prep	TX_1005_W_Prep	DL		35.82 mL	3.00 mL	163575	06/01/15 12:50	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	5	35.82 mL	3.00 mL	163577	06/02/15 12:25	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	163358	05/28/15 15:29	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	163429	05/29/15 15:39	DCL	TAL HOU
Total/NA	Prep	3010A			50 mL	50 mL	252517	05/31/15 10:29	TSC	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	252872	06/02/15 00:13	LEG	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	252517	05/31/15 10:29	TSC	TAL NSH
Total/NA	Analysis	6010B		5	50 mL	50 mL	252872	06/02/15 00:18	LEG	TAL NSH
Total/NA	Prep	3010A			50 mL	50 mL	252517	05/31/15 10:29	TSC	TAL NSH
Total/NA	Analysis	6010B		1	50 mL	50 mL	253069	06/02/15 15:58	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	163485	05/29/15 19:08	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	163597	06/01/15 15:42	SCG	TAL HOU
Total/NA	Analysis	9020B		50			252796	06/03/15 17:02	JAB	TAL NSH
Total/NA	Analysis	D240-87		1			163360	05/28/15 14:30	KRD	TAL HOU

Client Sample ID: OT 25229 05.26.2015

Lab Sample ID: 600-112158-2

Date Collected: 05/26/15 15:10
Matrix: Solid
Date Received: 05/27/15 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			25.00 g	500 mL	143333	05/31/15 07:12	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	143526	06/02/15 12:26	PJJ	TAL PIT
Total/NA	Prep	5030B			0.51 g	5 mL	163320	05/28/15 11:00	KLV	TAL HOU
Total/NA	Analysis	8260B		1	0.51 g	5 mL	163313	05/28/15 13:51	KLV	TAL HOU
Total/NA	Prep	5030B	DL		4 g	10 mL	163230	05/27/15 18:00	KLV	TAL HOU
Total/NA	Analysis	8260B	DL	1	4 g	10 mL	163311	05/28/15 18:11	KLV	TAL HOU
TCLP	Leach	1311	DL		1.0 g	1.0 mL	163404	05/28/15 17:45	RT1	TAL HOU

Lab Chronicle

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: OT 25229 05.26.2015

Lab Sample ID: 600-112158-2

Date Collected: 05/26/15 15:10
Matrix: Solid
Date Received: 05/27/15 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3510C	DL		200 mL	1.0 mL	163569	06/01/15 11:26	SMB	TAL HOU
TCLP	Analysis	8270C	DL	20	200 mL	1.0 mL	163832	06/04/15 10:08	KP1	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163404	05/28/15 17:45	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	163569	06/01/15 11:26	SMB	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	163615	06/02/15 17:56	KP1	TAL HOU
Total/NA	Prep	3546			15.09 g	2.0 mL	163463	05/29/15 15:37	RLK	TAL HOU
Total/NA	Analysis	8270C		20	15.09 g	2.0 mL	163586	06/01/15 21:19	PXS	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.04 g	10.00 mL	163327	05/28/15 11:54	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	10.04 g	10.00 mL	163284	05/29/15 08:31	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163404	05/28/15 17:45	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	163457	05/29/15 14:42	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	163675	06/02/15 12:49	DCL	TAL HOU
Total/NA	Prep	3051A			0.522 g	100 mL	252181	05/29/15 13:42	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	0.522 g	100 mL	252820	06/01/15 15:55	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	163404	05/28/15 17:45	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	163623	06/02/15 07:47	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	163704	06/02/15 13:33	SCG	TAL HOU
Total/NA	Prep	9023			1.98 g	10 mL	183474	06/03/15 06:15	TPH	TAL CAN
Total/NA	Analysis	9023		1	1.98 g	10 mL	183575	06/03/15 10:57	TPH	TAL CAN

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3

Date Collected: 05/26/15 14:39
Matrix: Solid
Date Received: 05/27/15 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			25.00 g	500 mL	143333	05/31/15 07:12	SLM	TAL PIT
TCLP	Analysis	8260B		1	0.125 mL	5 mL	143388	06/01/15 19:03	PJJ	TAL PIT
Total/NA	Prep	5030B			5.01 g	5 mL	163320	05/28/15 14:40	KLV	TAL HOU
Total/NA	Analysis	8260B		1	5.01 g	5 mL	163313	05/28/15 14:59	KLV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	3510C			200 mL	1.0 mL	163442	05/29/15 13:53	LER	TAL HOU
TCLP	Analysis	8270C		1	200 mL	1.0 mL	163586	06/01/15 22:21	PXS	TAL HOU
Total/NA	Prep	3546			15.03 g	2.5 mL	163463	05/29/15 15:37	RLK	TAL HOU
Total/NA	Analysis	8270C		20	15.03 g	2.5 mL	163586	06/01/15 21:50	PXS	TAL HOU
Total/NA	Prep	TX_1005_S_Prep	DL		10.03 g	10.00 mL	163327	05/28/15 11:54	NVP	TAL HOU
Total/NA	Analysis	TX 1005	DL	10	10.03 g	10.00 mL	163284	05/29/15 09:06	RJV	TAL HOU
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	3010A			5 mL	50 mL	163358	05/28/15 15:29	NER	TAL HOU
TCLP	Analysis	6010B		1	5 mL	50 mL	163429	05/29/15 15:37	DCL	TAL HOU
Total/NA	Prep	3051A			0.501 g	100 mL	252181	05/29/15 13:44	ZLN	TAL NSH
Total/NA	Analysis	6010B		1	0.501 g	100 mL	252820	06/01/15 16:00	LEG	TAL NSH
TCLP	Leach	1311			1.0 g	1.0 mL	163301	05/27/15 21:30	RT1	TAL HOU
TCLP	Prep	7470A			40 mL	40 mL	163485	05/29/15 19:08	SCG	TAL HOU
TCLP	Analysis	7470A		1	40 mL	40 mL	163597	06/01/15 15:40	SCG	TAL HOU

Lab Chronicle

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

TestAmerica Job ID: 600-112158-1

Client Sample ID: OT 25480 05.26.2015

Lab Sample ID: 600-112158-3

Date Collected: 05/26/15 14:39

Matrix: Solid

Date Received: 05/27/15 16:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9023			1.99 g	10 mL	183474	06/03/15 06:17	TPH	TAL CAN
Total/NA	Analysis	9023		1	1.99 g	10 mL	183575	06/03/15 11:14	TPH	TAL CAN

Laboratory References:

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

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 PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

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

Certification Summary

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

TestAmerica Job ID: 600-112158-1

Laboratory: TestAmerica Houston

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8260B	5030B	Solid	1,2-Dichloroethene, Total
8270C	3510C	Water	3 & 4 Methylphenol
D240-87		Water	BTU
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_W_Prep	Water	>C12-C28
TX 1005	TX_1005_W_Prep	Water	>C28-C35
TX 1005	TX_1005_W_Prep	Water	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	04-30-17
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	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

Laboratory: TestAmerica 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

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

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

* Certification renewal pending - certification considered valid.

Certification Summary

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

TestAmerica Job ID: 600-112158-1

Laboratory: TestAmerica Pensacola

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-15
Arizona	State Program	9	AZ0710	01-11-16
Arkansas DEQ	State Program	6	88-0689	09-01-15
Florida	NELAP	4	E81010	06-30-15
Georgia	State Program	4	N/A	06-30-15
Illinois	NELAP	5	200041	10-09-15
Iowa	State Program	7	367	07-31-16
Kansas	NELAP	7	E-10253	06-30-15 *
Kentucky (UST)	State Program	4	53	06-30-15
Kentucky (WW)	State Program	4	98030	12-31-15
Louisiana	NELAP	6	30976	06-30-15
Maryland	State Program	3	233	09-30-15
Massachusetts	State Program	1	M-FL094	06-30-15
Michigan	State Program	5	9912	06-30-15
New Jersey	NELAP	2	FL006	06-30-15
North Carolina (WW/SW)	State Program	4	314	12-31-15
Oklahoma	State Program	6	9810	08-31-15
Pennsylvania	NELAP	3	68-00467	01-31-16
Rhode Island	State Program	1	LAO00307	12-30-15
South Carolina	State Program	4	96026	06-30-15
Tennessee	State Program	4	TN02907	06-30-15
Texas	NELAP	6	T104704286-12-5	09-30-15
USDA	Federal		P330-13-00193	07-01-16
Virginia	NELAP	3	460166	06-14-15
West Virginia DEP	State Program	3	136	06-30-15

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-15 *
California	State Program	9	2891	03-31-16
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-15 *
Illinois	NELAP	5	002602	06-30-15 *
Kansas	NELAP	7	E-10350	07-31-15
Louisiana	NELAP	6	04041	06-30-15 *
New Hampshire	NELAP	1	203011	04-04-16
New Jersey	NELAP	2	PA005	06-30-15 *
New York	NELAP	2	11182	03-31-16
North Carolina (WW/SW)	State Program	4	434	12-31-15
Pennsylvania	NELAP	3	02-00416	04-30-16
South Carolina	State Program	4	89014	06-30-15 *
Texas	NELAP	6	T104704528	03-31-16
US Fish & Wildlife	Federal		LE94312A-1	11-30-15
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	STLP	05-31-15 *
Virginia	NELAP	3	460189	09-14-15
West Virginia DEP	State Program	3	142	01-31-16
Wisconsin	State Program	5	998027800	08-31-15

* Certification renewal pending - certification considered valid.

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

Chain of Custody Record

TestAmerica

Client Information	Sampler: Daniel Tighe	Lab PM: Joiner, Dean A	Carrier Tracking No(s):	COC No: 600-35389-11029.1
Client Contact: Leroy Cassidey	Phone: 469.446.8408	E-Mail: dean.joiner@testamericainc.com		Page: Page 1 of 1
Company: CB&I Federal Services LLC				Job #:
Address: ~~10777 Westheimer Road Suite 70~~ PO Box 98511	Due Date Requested:			
City: ~~Houston~~ Baton Rouge, LA	TAT Requested (days): 5WD Level 2			
State, Zip: ~~TX 77042~~ LA 70884				
Phone: 469.446.8406	PO #: CBI 201241			
Email: leroy.cassidey@cbifederalservices.com	WO #: Contract EP-S6-07-02 Task Order 62			
Project Name: CB&I Federal Services LLC – Water	Project #: 60005919			
Site: CES Environmental Services	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)	8260B - TCLP VOA	8010B - TCLP Metals 1 Filtrate	8270C - TCLP SVOA	RCI	TX_1005 - TPH, TOX	Total VOA	Total SVOA	Total Metals 4 Filtrate	TSS, % Water	PLB				Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	N	N						
FT 1001 05.26.2015	5-26-2015	1537	C	~~Sludge~~ Water			X	X	X	X	X	X	X	X		X				1	
VB 25229 05.26.2015	5-26-2015	1510	C	Sludge			X	X	X	X	X	X	X	X	X					2	
OT 25490 05.26.2015	5-26-2015	1934	C	Solid			X	X	X	X	X	X	X	X	X					2	
				Solid																	
				Solid																	

600-112158 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5.26.15 11:35		[signature]	5-26-15 17:55	TA
[signature]	5-27-15 16:11	TA			

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

San Loc: 600 t Checklist
112158

Date/Time Received: '15 MAY 27 16:11

JOB NUMBER: _____ CLIENT: CBEI

UNPACKED BY: John. CARRIER/DRIVER: John M.

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

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Therm CF	Corrected Temp (°C)
white	Y / N	Y / N	1.9	606	0.1	1.8
	Y / N	Y / N				
Tm 5-27-15	~~Y / N~~	~~Y / N~~				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				

CF = correction factor

Samples received on ice? ☑ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☑ NO ☐ YES

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

pH paper Lot # He444 635

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

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

COMMENTS: Tm 5-27-15

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-112158-1

Login Number: 112158
List Number: 1
Creator: Capps, Dana R

List Source: TestAmerica Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8
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: 600-112158-1

Login Number: 112158
List Number: 4
Creator: Gambill, Shane

List Source: TestAmerica Nashville
List Creation: 05/29/15 11:13 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.1
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.	True	

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-112158-1

Login Number: 112158
List Number: 5
Creator: Gambill, Shane

List Source: TestAmerica Nashville
List Creation: 05/29/15 11:13 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.1
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.	True	

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-112158-1

Login Number: 112158
List Number: 8
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 05/29/15 02:09 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.	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	1.6°C IR-6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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: 600-112158-1

Login Number: 112158
List Number: 2
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 05/29/15 11:29 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: CB&I Federal Services LLC

Job Number: 600-112158-1

Login Number: 112158
List Number: 3
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh
List Creation: 05/29/15 11:30 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.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	