TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica St. Louis
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Earth City, MO 63045
Tel: (314)298-8566

TestAmerica Job ID: 160-13510-1
Client Project/Site: Camp Minden Baseline Project

For:
SEMS, Inc
11628 S. Choctaw Drive
Baton Rouge, Louisiana 70815

Attn: Maghee Shaw

Authorized for release by:
9/15/2015 7:35:52 PM

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

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

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Job ID: 160-13510-1

Laboratory: TestAmerica St. Louis

Narrative

CASE NARRATIVE

Client: SEMS, Inc

Project: Camp Minden Baseline Project

Report Number: 160-13510-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica St. Louis attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results for Chemistry analyses are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt
Manual Integrations were performed only when necessary and are in compliance with the laboratory's standard operating procedure. Detailed information can be found in the raw data section of the level IV report.

The following clean-up methods for Organic analyses may have been used on the samples in this data set. Specific methods employed are documented on the batch extraction logs:

Method 3600C: Cleanup
Method 3620C: Florisil Cleanup
Method 3630C: Silica Gel Cleanup
Method 3640A: Gel-Permeation Cleanup
Method 3650B: Acid-Base Partition Cleanup
Method 3660B: Sulfur Cleanup
Method 3665A: Sulfuric Acid/Permanganate Cleanup

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

Job ID: 160-13510-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

RECEIPT

The samples were received on 08/22/2015; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.4° C, 1.9° C, 2.6° C, 2.8° C and 3.1° C.

Receipt Exceptions: 4 sets of trip blank were submitted for analysis with these samples; however, they were not listed on the Chain of Custody (COC).

No times are noted for the following samples:2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), 2015.08.17 SB-1 (28-30) (160-13510-3), 2015.08.17 SB-2 (0-2) (160-13510-4), 2015.08.17 SB-2 (16-18) (160-13510-5), 2015.08.17 SB-2 (28-30) (160-13510-6), 2015.08.17 SB-3 (0-2) (160-13510-7), 2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB SB-4 (0-2) (160-13510-11[MS]), 2015.08.18 SB SB-4 (0-2) (160-13510-11[MSD]), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (0-2) (160-13510-18[MS]), 2015.08.18 SB-6 (0-2) (160-13510-18[MSD]), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20), 2015.08.18 I3 (160-13510-21), 20150820 TRIP02-1 (160-13510-22), 20150820 TRIP02-2 (160-13510-23), 20150820 TRIP02-3 (160-13510-24) and 20150820 TRIP02-4 (160-13510-25)

VOLATILE ORGANIC COMPOUNDS BY GC/MS

Samples 2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), 2015.08.17 SB-1 (28-30) (160-13510-3), 2015.08.17 SB-2 (0-2) (160-13510-4), 2015.08.17 SB-2 (16-18) (160-13510-5), 2015.08.17 SB-2 (28-30) (160-13510-6), 2015.08.17 SB-3 (0-2) (160-13510-7), 2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20) and 2015.08.18 I3 (160-13510-21) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/27/2015 and 08/29/2015 and analyzed on 08/27/2015, 08/28/2015, 08/29/2015 and 08/30/2015.

Analytical Batch: 208216

The continuing calibration verification (CCV) associated with batch 160-208216 recovered above the upper control limit for 1,1-Dichloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. (CCVIS 160-208216/3)

The matrix spike duplicate (MSD) recovery for preparation batch 160-208225 and analytical batch 160-208216 was outside control limits for Acetone. Sample matrix interference is suspected because the associated laboratory control samples' (LCS/LCSD) recoveries were within acceptance limits.(160-13469-A-23-C MSD)

The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 160-208225 and analytical batch 160-208216 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained. (160-13469-A-23-C MSD)

The following compounds did not meet the minimum relative response factor limits in the continuing calibration verification (CCV) associated with batch 160-208216: Acetone and 2-Butanone. A low-level LOQV was analyzed at the reporting limit (5ug/L) and the affected analytes were detected. Target analytes recovering above the reporting limit will be qualified and reported. (CCVIS 160-208216/3)

Analytical Batch: 208474

The following compounds did not meet the minimum relative response factor limits in the continuing calibration verification (CCV) associated with batch 160-208474: Acetone and 2-Butanone. A low-level LOQV was analyzed at the reporting limit (5ug/L) and the affected analytes were detected. Target analytes recovering above the reporting limit will be qualified and reported. (CCVIS 160-208474/3)

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 160-208473 and analytical batch 160-208474 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control samples' (LCS/LCSD) recoveries were within acceptance limits.2015.08.18 SB-6 (0-2) (160-13510-18[MS]) and 2015.08.18 SB-6 (0-2)

Job ID: 160-13510-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

(160-13510-18[MSD])

The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 160-208473 and analytical batch 160-208474 was outside control limits. Sample matrix interference is suspected.2015.08.18 SB-6 (0-2) (160-13510-18[MSD])

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

VOLATILE ORGANIC COMPOUNDS (GC MS)

Samples 20150820 TRIP02-1 (160-13510-22), 20150820 TRIP02-2 (160-13510-23), 20150820 TRIP02-3 (160-13510-24) and 20150820 TRIP02-4 (160-13510-25) were analyzed for volatile organic compounds (GC MS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 08/24/2015 and 08/25/2015.

Analytical Batch: 207384

Acetone is a common laboratory contaminant. It's presence in samples at a level below the reporting limit may be attributed to laboratory contamination.

A matrix spike/matrix spike duplicate (MS/MSD) was not performed with analytical batch 160-207384. The only associated samples are Trip Blanks and Field Blanks. An LCS/LCSD was performed to demonstrate accuracy and precision.

The continuing calibration verification (CCV) associated with batch 160-207384 recovered above the upper control limit for Acetone. This analyte was not present above the Reporting Limit in the samples associated with this CCV; therefore, the data have been reported. (CCVIS 160-207384/3)

The method blank for analytical batch 160-207384 contained Trichloroethene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed.
(MB 160-207384/7)

The low-level presence of the target analyte Trichloroethene in the MB and the samples in the first half of the sequence was determined to originate in the purge vials used for the analysis. The amount of Trichloroethene present is only sightly higher than the MDL and well below the Reporting Limit. The remaining samples in the sequence, (MB 160-207384/7), were prepared using vials that had been rinsed with DI water before the sample was introduced. These samples have no detectable Trichloroethene.

The following compounds did not meet the minimum relative response factor limits in the continuing calibration verification (CCV) associated with batch 160-207384: Acetone and 2-Butanone. A low-level LOQV was analyzed at the reporting limit (5ug/L) and the affected analytes were detected. Target analytes recovering above the reporting limit will be qualified and reported. (CCVIS 160-207384/3)

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples 2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), 2015.08.17 SB-1 (28-30) (160-13510-3), 2015.08.17 SB-2 (0-2) (160-13510-4), 2015.08.17 SB-2 (16-18) (160-13510-5), 2015.08.17 SB-2 (28-30) (160-13510-6), 2015.08.17 SB-3 (0-2) (160-13510-7), 2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20) and 2015.08.18 I3 (160-13510-21) were analyzed for Semivolatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/31/2015 and analyzed on 09/04/2015, 09/11/2015 and 09/12/2015.

Analytical Batch 209455

2,4-Dinitrophenol recovered low and Hexachlorobutadiene recovered high in the LCS. 1,2,4-Trichlorobenzene and Hexachlorobutadiene recovered high in the MS and 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Hexachlorocyclopentadiene recovered high in the MSD. Per client request, the samples will not be re-extracted outside holding time. The data is reported with this narrative.(LCS 160-208680/2-A), (160-13469-F-41-A MS) and (160-13469-E-41-E MSD)

Job ID: 160-13510-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

2,4,6-Tribromophenol recovered high in the CCV (25.4%). This surrogate recovered within QC limits in the batch. The data is reported with this narrative.(CCVIS 160-209455/3)

Analytical Batch 210530
2,4-Dinitrophenol recovered low in the LCS and recovered outside RPD criteria in the MS/MSD. Per client request, the samples will not be re-extracted outside holding time. The data is reported with this narrative.2015.08.18 SB-6 (0-2) (160-13510-18[MS]), 2015.08.18 SB-6 (0-2) (160-13510-18[MSD]) and (LCS 160-208698/2-A)

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

NITROAROMATICS AND NITRAMINES (HPLC)
Samples 2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), 2015.08.17 SB-1 (28-30) (160-13510-3), 2015.08.17 SB-2 (0-2) (160-13510-4), 2015.08.17 SB-2 (16-18) (160-13510-5), 2015.08.17 SB-2 (28-30) (160-13510-6), 2015.08.17 SB-3 (0-2) (160-13510-7), 2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20) and 2015.08.18 I3 (160-13510-21) were analyzed for Nitroaromatics and Nitramines (HPLC) in accordance with SW-846 Method 8330B. The samples were prepared on 08/24/2015 and analyzed on 08/30/2015.

Analytical Batch 208116
The matrix spike duplicate (MSD) recovery for preparation batch 160-207311 and 160-207311 and analytical batch 160-208116 were outside control limits for 2,4-Dinitrotoluene. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. 2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), (160-13469-E-41-A) and (160-13469-E-41-C MSD)

Analytical Batch 208467
The CCV recovery of Tetryl is outside the QC limits of greater than 20%D. The associated samples were ND for this analyte; therefore the sample data has been reported with this narrative.2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB SB-4 (0-2) (160-13510-11[MS]), 2015.08.18 SB SB-4 (0-2) (160-13510-11[MSD]), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (0-2) (160-13510-18[MS]), 2015.08.18 SB-6 (0-2) (160-13510-18[MSD]), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20), 2015.08.18 I3 (160-13510-21), (CCV 160-208467/35) and (CCV 160-208467/44)

The matrix spike (MS) recovery for Tetryl in preparation batch 160-207312 and analytical batch 160-208467 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (0-2) (160-13510-18[MS]), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20) and 2015.08.18 I3 (160-13510-21)

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

PERCENT SOLIDS
Samples 2015.08.17 SB-1 (0-2) (160-13510-1), 2015.08.17 SB-1 (20-22) (160-13510-2), 2015.08.17 SB-1 (28-30) (160-13510-3), 2015.08.17 SB-2 (0-2) (160-13510-4), 2015.08.17 SB-2 (16-18) (160-13510-5), 2015.08.17 SB-2 (28-30) (160-13510-6), 2015.08.17 SB-3 (0-2) (160-13510-7), 2015.08.17 SB-3 (16-18) (160-13510-8), 2015.08.17 SB-3 (28-30) (160-13510-9), 2015.08.17 SB DUP #1 (160-13510-10), 2015.08.18 SB SB-4 (0-2) (160-13510-11), 2015.08.18 SB-4 (16-18) (160-13510-12), 2015.08.18 SB-4 (28-30) (160-13510-13), 2015.08.18 SB-5 (0-2) (160-13510-14), 2015.08.18 SB-5 (16-18) (160-13510-15), 2015.08.18 SB-5 (28-30) (160-13510-16), 2015.08.18 SB DUP #2 (160-13510-17), 2015.08.18 SB-6 (0-2) (160-13510-18), 2015.08.18 SB-6 (20-22) (160-13510-19), 2015.08.18 SB-6 (28-30) (160-13510-20) and 2015.08.18 I3 (160-13510-21) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 08/26/2015.

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

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Maghee Shaw; Nick Burnham	Lab PM: Ridenhower, Rhonda E	Carrier Tracking No(s):	COC No: 160-3125-1457.2
Client Contact: Ms. Maghee Shaw	Phone:	E-Mail: rhonda.ridenhower@testamericainc.com		Page: 1 of 2
Company: SEMS, Inc.				Job #:
Address: 11628 South Choctaw St.	Due Date Requested:			
City: Baton Rouge	TAT Requested (days):			
State, Zip: LA, 70815				
Phone: 225-924-2002(Tel)	PO #: 750-0001			
Email: mshaw@semsinc.net	WO #:			
Project Name: Camp Minden Baseline Project	Project #: 16004539			
Site: Camp Minden Area I Destruction Site	SSOW#:			

Analysis Requested

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)	8330B - Standard Target List	RCRA VOCs 8260	RCRA SVOCs 8270 *	Total Number of containers	Special Instructions
			Preservation Code:				N	N	N		
2015.08.17 SB-1 (0-2)	8/17/15	1054	G	Solid			X	X	X		
2015.08.17 SB-1 (20-22)	8/17/15	1220	G	Solid			X	X	X		
2015.08.17 SB-1 (28-30)	8/17/15	1245	G	Solid			X	X	X		
2015.08.17 SB-2 (0-2)	8/17/15	1450	G	Solid			X	X	X		
2015.08.17 SB-2 (16-18)	8/17/15	1523	G	Solid			X	X	X		
2015.08.17 SB-2 (28-30)	8/17/15	1600	G	Solid			X	X	X		
2015.08.17 SB-3 (0-2)	8/17/15	1715	G	Solid			X	X	X		
2015.08.17 SB-3 (16-18)	8/17/15	1755	G	Solid			X	X	X		
2015.08.17 SB-3 (28-30)	8/17/15	1821	G	Solid			X	X	X		
2015.08.17 SB DUP #1	8/17/15	—	G	Solid			X	X	X		
2015.08.18 SB SB-4 (0-2)	8/18/15	0810	G	Solid	X		X	X	X		MS/MSD Provided Fee

Preservation Codes:

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

Other:

160-13510 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
Maghee Shaw	08/20/15 0830	SEMS	[illegible]	8/20/15 0830	SEMS
[illegible]	8/21/15 1110	SEMS	[illegible]	8/21/15 1110	TA
[illegible]	8/21/15 2pm		[illegible]	8-22-15 0820	TA STL

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

*NOTE: RCRA SVOCs 8270 AND INCLUDE 2,4 dinitrotoluene; 2,6-dinitrotoluene; di-n-butylph[illegible]te; and

9/15/2015

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information
Client Contact: Ms. Maghee Shaw
Company: SEMS, Inc.
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State, Zip: LA, 70815
Phone: 225-924-2002(Tel)
Email: mshaw@semsinc.net
Project Name: Camp Minden Baseline Project
Site: Camp Minden Area I Destruction Site

Sampler: M. Shaw; Nick Burnham
Phone:
Lab PM: Ridenhower, Rhonda E
E-Mail: rhonda.ridenhower@testamericainc.com
Carrier Tracking No(s):
COC No: 160-3125-1457.3
Page: Page 2 of 2
Job #:
Due Date Requested:
TAT Requested (days):
PO #: 750-0001
WO #:
Project #: 16004539
SSOW#:

Analysis Requested

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)	8330B - Standard Target List	DRCMP VOCs 8260	DRCMP SVOCs 8270 *	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
2015.08.18 SB-4 (16-18)	8/18/15	839	G	Solid			X	X	X		
2015.08.18 SB-4 (28-30)	8/18/15	903	G	Solid			X	X	X		
2015.08.18 SB-5 (0-2)	8/18/15	955	G	Solid			X	X	X		
2015.08.18 SB-5 (16-18)	8/18/15	1024	G	Solid			X	X	X		
2015.08.18 SB-5 (28-30)	8/18/15	1050	G	Solid			X	X	X		
2015.08.18 SB DUP #2	8/18/15	—	G	Solid			X	X	X		
2015.08.18 SB-6 (0-2)	8/18/15	1145	G	Solid	X		X	X	X		No MSD provided For LAB
2015.08.18 SB-6 (20-22)	8/18/15	1222	G	Solid			X	X	X		
2015.08.18 SB-4 (28-30)	8/18/15	1240	G	Solid			X	X	X		
2015.08.18 I3	8/18/15	1430	G	Solid			X	X	X		
				Solid							

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:

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
Maghee Shaw	8/20/15 0830	SEMS	[illegible]	8/20/15 0830	SEMS
[illegible]	8/21/15 1110	SEMS	[illegible]	8/21/15 1110	TA
[illegible]	8/21/15 [illegible]	TA	Gil Clark	8-22-15 0820	TASR

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

* NOTE: SVOCs (8270) And include: 2,4 dinitrotoluene; 2,6-dinitrotoluene; di-n-butylphthalate; and [illegible]enidamine

Login Sample Receipt Checklist

Client: SEMS, Inc

Job Number: 160-13510-1

Login Number: 13510
List Number: 1
Creator: Clarke, Jill C

List Source: TestAmerica St. Louis

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.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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").	False	Refer to Job Narrative for details.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

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

Method Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SL
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SL
8330B	Nitroaromatics and Nitramines (HPLC)	SW846	TAL SL
Moisture	Percent Moisture	EPA	TAL SL

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-13510-1	2015.08.17 SB-1 (0-2)	Solid	08/17/15 10:54	08/22/15 08:20
160-13510-2	2015.08.17 SB-1 (20-22)	Solid	08/17/15 12:20	08/22/15 08:20
160-13510-3	2015.08.17 SB-1 (28-30)	Solid	08/17/15 12:45	08/22/15 08:20
160-13510-4	2015.08.17 SB-2 (0-2)	Solid	08/17/15 14:50	08/22/15 08:20
160-13510-5	2015.08.17 SB-2 (16-18)	Solid	08/17/15 15:23	08/22/15 08:20
160-13510-6	2015.08.17 SB-2 (28-30)	Solid	08/17/15 16:00	08/22/15 08:20
160-13510-7	2015.08.17 SB-3 (0-2)	Solid	08/17/15 17:15	08/22/15 08:20
160-13510-8	2015.08.17 SB-3 (16-18)	Solid	08/17/15 17:55	08/22/15 08:20
160-13510-9	2015.08.17 SB-3 (28-30)	Solid	08/17/15 18:21	08/22/15 08:20
160-13510-10	2015.08.17 SB DUP #1	Solid	08/17/15 00:00	08/22/15 08:20
160-13510-11	2015.08.18 SB SB-4 (0-2)	Solid	08/18/15 08:10	08/22/15 08:20
160-13510-12	2015.08.18 SB-4 (16-18)	Solid	08/18/15 08:39	08/22/15 08:20
160-13510-13	2015.08.18 SB-4 (28-30)	Solid	08/18/15 09:03	08/22/15 08:20
160-13510-14	2015.08.18 SB-5 (0-2)	Solid	08/18/15 09:55	08/22/15 08:20
160-13510-15	2015.08.18 SB-5 (16-18)	Solid	08/18/15 10:24	08/22/15 08:20
160-13510-16	2015.08.18 SB-5 (28-30)	Solid	08/18/15 10:50	08/22/15 08:20
160-13510-17	2015.08.18 SB DUP #2	Solid	08/18/15 00:00	08/22/15 08:20
160-13510-18	2015.08.18 SB-6 (0-2)	Solid	08/18/15 11:45	08/22/15 08:20
160-13510-19	2015.08.18 SB-6 (20-22)	Solid	08/18/15 12:22	08/22/15 08:20
160-13510-20	2015.08.18 SB-6 (28-30)	Solid	08/18/15 12:40	08/22/15 08:20
160-13510-21	2015.08.18 I3	Solid	08/18/15 14:30	08/22/15 08:20
160-13510-22	20150820 TRIP02-1	Water	08/20/15 00:00	08/22/15 08:20
160-13510-23	20150820 TRIP02-2	Water	08/20/15 00:00	08/22/15 08:20
160-13510-24	20150820 TRIP02-3	Water	08/20/15 00:00	08/22/15 08:20
160-13510-25	20150820 TRIP02-4	Water	08/20/15 00:00	08/22/15 08:20

Detection Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.17 SB-1 (0-2) — Lab Sample ID: 160-13510-1

No Detections.

Client Sample ID: 2015.08.17 SB-1 (20-22) — Lab Sample ID: 160-13510-2

No Detections.

Client Sample ID: 2015.08.17 SB-1 (28-30) — Lab Sample ID: 160-13510-3

No Detections.

Client Sample ID: 2015.08.17 SB-2 (0-2) — Lab Sample ID: 160-13510-4

No Detections.

Client Sample ID: 2015.08.17 SB-2 (16-18) — Lab Sample ID: 160-13510-5

No Detections.

Client Sample ID: 2015.08.17 SB-2 (28-30) — Lab Sample ID: 160-13510-6

No Detections.

Client Sample ID: 2015.08.17 SB-3 (0-2) — Lab Sample ID: 160-13510-7

No Detections.

Client Sample ID: 2015.08.17 SB-3 (16-18) — Lab Sample ID: 160-13510-8

No Detections.

Client Sample ID: 2015.08.17 SB-3 (28-30) — Lab Sample ID: 160-13510-9

No Detections.

Client Sample ID: 2015.08.17 SB DUP #1 — Lab Sample ID: 160-13510-10

No Detections.

Client Sample ID: 2015.08.18 SB SB-4 (0-2) — Lab Sample ID: 160-13510-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	24	7.9	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 2015.08.18 SB-4 (16-18) — Lab Sample ID: 160-13510-12

No Detections.

Client Sample ID: 2015.08.18 SB-4 (28-30) — Lab Sample ID: 160-13510-13

No Detections.

Client Sample ID: 2015.08.18 SB-5 (0-2) — Lab Sample ID: 160-13510-14

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.18 SB-5 (0-2) (Continued) — Lab Sample ID: 160-13510-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		20	6.6	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 2015.08.18 SB-5 (16-18) — Lab Sample ID: 160-13510-15

No Detections.

Client Sample ID: 2015.08.18 SB-5 (28-30) — Lab Sample ID: 160-13510-16

No Detections.

Client Sample ID: 2015.08.18 SB DUP #2 — Lab Sample ID: 160-13510-17

No Detections.

Client Sample ID: 2015.08.18 SB-6 (0-2) — Lab Sample ID: 160-13510-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J F1 F2	19	6.0	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 2015.08.18 SB-6 (20-22) — Lab Sample ID: 160-13510-19

No Detections.

Client Sample ID: 2015.08.18 SB-6 (28-30) — Lab Sample ID: 160-13510-20

No Detections.

Client Sample ID: 2015.08.18 I3 — Lab Sample ID: 160-13510-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.9	J	22	7.1	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 20150820 TRIP02-1 — Lab Sample ID: 160-13510-22

No Detections.

Client Sample ID: 20150820 TRIP02-2 — Lab Sample ID: 160-13510-23

No Detections.

Client Sample ID: 20150820 TRIP02-3 — Lab Sample ID: 160-13510-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	20	6.7	ug/L	1		8260C	Total/NA

Client Sample ID: 20150820 TRIP02-4 — Lab Sample ID: 160-13510-25

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.17 SB-1 (0-2)

Date Collected: 08/17/15 10:54
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-1
Matrix: Solid
Percent Solids: 87.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.8	0.41	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,1,1-Trichloroethane	ND		5.8	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.47	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,1,2-Trichloroethane	ND		5.8	0.67	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,1-Dichloroethane	ND		5.8	0.46	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,1-Dichloroethene	ND		5.8	1.9	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,2-Dibromo-3-Chloropropane	ND		12	1.7	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,2-Dichloroethane	ND		5.8	1.0	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,2-Dichloropropane	ND		5.8	0.44	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
1,3-Dichloropropene, Total	ND		12	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
2-Butanone (MEK)	ND		23	2.2	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
4-Methyl-2-pentanone (MIBK)	ND		23	0.85	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Acetone	ND		23	7.6	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Benzene	ND		5.8	0.29	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Bromodichloromethane	ND		5.8	0.29	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Bromoform	ND		5.8	0.43	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Bromomethane	ND		12	1.3	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Carbon disulfide	ND		5.8	0.81	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Carbon tetrachloride	ND		5.8	0.60	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Chlorobenzene	ND		5.8	0.44	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Chlorodibromomethane	ND		5.8	0.48	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Chloroethane	ND		12	0.61	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Chloroform	ND		5.8	0.44	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Chloromethane	ND		12	0.76	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
cis-1,2-Dichloroethene	ND		5.8	0.70	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Ethylbenzene	ND		5.8	0.35	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Hexachlorobutadiene	ND		5.8	0.79	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Isobutyl alcohol	ND		230	30	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Methyl tert-butyl ether	ND		5.8	0.56	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Methylene Chloride	ND		5.8	1.8	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Styrene	ND		5.8	0.41	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Tetrachloroethene	ND		5.8	0.37	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Toluene	ND		5.8	0.82	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
trans-1,2-Dichloroethene	ND		5.8	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Trichloroethene	ND		5.8	0.46	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Trichlorofluoromethane	ND		5.8	0.58	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Vinyl chloride	ND		5.8	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1
Xylenes, Total	ND		12	0.99	ug/Kg	☼	08/27/15 15:48	08/27/15 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 127*	*08/27/15 15:48*	*08/27/15 22:00*	*1*
4-Bromofluorobenzene (Surr)	*100*		*63 - 150*	*08/27/15 15:48*	*08/27/15 22:00*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 126*	*08/27/15 15:48*	*08/27/15 22:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/27/15 15:48*	*08/27/15 22:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
1,2,4,5-Tetrachlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
1,2,4-Trichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1

Client Sample ID: 2015.08.17 SB-1 (0-2)

Date Collected: 08/17/15 10:54
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-1

Matrix: Solid
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
1,3-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
1,3-Dinitrobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
1,4-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,3,4,6-Tetrachlorophenol	ND		1800	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4,6-Trichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4-Dichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4-Dimethylphenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4-Dinitrophenol	ND	*	1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,4-Dinitrotoluene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2,6-Dinitrotoluene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2-Chloronaphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2-Chlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2-Methylnaphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
2-Nitroaniline	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
3,3'-Dichlorobenzidine	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
3-Nitroaniline	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
4-Nitroaniline	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
4-Nitrophenol	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Acenaphthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Acenaphthylene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Aniline	ND		380	68	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Benzo[a]anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Benzo[a]pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Benzo[b]fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Benzo[k]fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
bis (2-chloroisopropyl) ether	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Bis(2-chloroethyl)ether	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Bis(2-ethylhexyl) phthalate	ND		380	52	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Butyl benzyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Chrysene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Dibenz(a,h)anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Dibenzofuran	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Diethyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Dimethyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Di-n-butyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Di-n-octyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Diphenylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Fluorene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Hexachlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Hexachlorobutadiene	ND	*	380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Hexachlorocyclopentadiene	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Hexachloroethane	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Indeno[1,2,3-cd]pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Isophorone	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Naphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1

Client Sample ID: 2015.08.17 SB-1 (0-2)

Lab Sample ID: 160-13510-1
Date Collected: 08/17/15 10:54
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
N-Nitrosodi-n-propylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Pentachlorophenol	ND		750	380	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Phenanthrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Phenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
Pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1
N-Nitrosodiphenylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*56 - 97*	*08/31/15 13:01*	*09/04/15 18:49*	*1*
2-Fluorophenol (Surr)	*72*		*53 - 97*	*08/31/15 13:01*	*09/04/15 18:49*	*1*
Nitrobenzene-d5 (Surr)	*77*		*55 - 98*	*08/31/15 13:01*	*09/04/15 18:49*	*1*
Phenol-d5 (Surr)	*73*		*54 - 101*	*08/31/15 13:01*	*09/04/15 18:49*	*1*
Terphenyl-d14 (Surr)	*78*		*58 - 123*	*08/31/15 13:01*	*09/04/15 18:49*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*46 - 111*	*08/31/15 13:01*	*09/04/15 18:49*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	27	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
1,3-Dinitrobenzene	ND		240	42	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
2,4,6-Trinitrotoluene	ND		240	35	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
2,4-Dinitrotoluene	ND		240	37	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
2,6-Dinitrotoluene	ND		240	62	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
2-Amino-4,6-dinitrotoluene	ND		240	42	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
4-Amino-2,6-dinitrotoluene	ND		240	91	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
3-Nitrotoluene	ND		240	54	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
2-Nitrotoluene	ND		240	63	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
4-Nitrotoluene	ND		240	79	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
PETN	ND		2400	330	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
RDX	ND		240	61	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
HMX	ND		240	38	ug/Kg		08/24/15 08:40	08/30/15 05:05	1
Tetryl	ND		240	45	ug/Kg		08/24/15 08:40	08/30/15 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*111*		*79 - 120*	*08/24/15 08:40*	*08/30/15 05:05*	*1*

Client Sample ID: 2015.08.17 SB-1 (20-22)

Lab Sample ID: 160-13510-2
Date Collected: 08/17/15 12:20
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 93.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.8	0.34	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,1,1-Trichloroethane	ND		4.8	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.39	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,1,2-Trichloroethane	ND		4.8	0.55	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,1-Dichloroethane	ND		4.8	0.38	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,1-Dichloroethene	ND		4.8	1.6	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1

Client Sample ID: 2015.08.17 SB-1 (20-22)

Date Collected: 08/17/15 12:20
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-2

Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		9.7	1.4	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,2-Dichloroethane	ND		4.8	0.84	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,2-Dichloropropane	ND		4.8	0.37	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
1,3-Dichloropropene, Total	ND		9.7	0.92	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
2-Butanone (MEK)	ND		19	1.9	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.71	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Acetone	ND		19	6.3	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Benzene	ND		4.8	0.24	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Bromodichloromethane	ND		4.8	0.24	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Bromoform	ND		4.8	0.36	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Bromomethane	ND		9.7	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Carbon disulfide	ND		4.8	0.67	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Carbon tetrachloride	ND		4.8	0.49	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Chlorobenzene	ND		4.8	0.37	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Chlorodibromomethane	ND		4.8	0.40	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Chloroethane	ND		9.7	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Chloroform	ND		4.8	0.37	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Chloromethane	ND		9.7	0.63	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
cis-1,2-Dichloroethene	ND		4.8	0.58	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Ethylbenzene	ND		4.8	0.29	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Hexachlorobutadiene	ND		4.8	0.66	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Isobutyl alcohol	ND		190	25	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Methyl tert-butyl ether	ND		4.8	0.47	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Methylene Chloride	ND		4.8	1.5	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Styrene	ND		4.8	0.34	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Tetrachloroethene	ND		4.8	0.31	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Toluene	ND		4.8	0.68	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
trans-1,2-Dichloroethene	ND		4.8	0.91	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Trichloroethene	ND		4.8	0.38	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Trichlorofluoromethane	ND		4.8	0.48	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Vinyl chloride	ND		4.8	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1
Xylenes, Total	ND		9.7	0.82	ug/Kg	☼	08/27/15 15:48	08/27/15 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 127*	*08/27/15 15:48*	*08/27/15 22:25*	*1*
4-Bromofluorobenzene (Surr)	*96*		*63 - 150*	*08/27/15 15:48*	*08/27/15 22:25*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 126*	*08/27/15 15:48*	*08/27/15 22:25*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/27/15 15:48*	*08/27/15 22:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,2,4,5-Tetrachlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,2,4-Trichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,2-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,3-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,3-Dinitrobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
1,4-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,3,4,6-Tetrachlorophenol	ND		1700	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1

Client Sample ID: 2015.08.17 SB-1 (20-22)

Date Collected: 08/17/15 12:20
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-2

Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,4-Dichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,4-Dimethylphenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,4-Dinitrophenol	ND	*	1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,4-Dinitrotoluene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2,6-Dinitrotoluene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2-Chloronaphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2-Chlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2-Methylnaphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
2-Nitroaniline	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
3,3'-Dichlorobenzidine	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
3-Nitroaniline	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
4-Nitroaniline	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
4-Nitrophenol	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Acenaphthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Acenaphthylene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Aniline	ND		350	64	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Benzo[a]anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Benzo[a]pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Benzo[b]fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Benzo[k]fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
bis (2-chloroisopropyl) ether	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Bis(2-chloroethyl)ether	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Bis(2-ethylhexyl) phthalate	ND		350	49	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Butyl benzyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Chrysene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Dibenz(a,h)anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Dibenzofuran	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Diethyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Dimethyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Di-n-butyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Di-n-octyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Diphenylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Fluorene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Hexachlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Hexachlorobutadiene	ND	*	350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Hexachlorocyclopentadiene	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Hexachloroethane	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Indeno[1,2,3-cd]pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Isophorone	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Naphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Nitrobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
N-Nitrosodi-n-propylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Pentachlorophenol	ND		710	350	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Phenanthrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Phenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1
Pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1

Client Sample ID: 2015.08.17 SB-1 (20-22)

Lab Sample ID: 160-13510-2
Date Collected: 08/17/15 12:20
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*56 - 97*	*08/31/15 13:01*	*09/04/15 19:22*	*1*
2-Fluorophenol (Surr)	*75*		*53 - 97*	*08/31/15 13:01*	*09/04/15 19:22*	*1*
Nitrobenzene-d5 (Surr)	*80*		*55 - 98*	*08/31/15 13:01*	*09/04/15 19:22*	*1*
Phenol-d5 (Surr)	*75*		*54 - 101*	*08/31/15 13:01*	*09/04/15 19:22*	*1*
Terphenyl-d14 (Surr)	*79*		*58 - 123*	*08/31/15 13:01*	*09/04/15 19:22*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*46 - 111*	*08/31/15 13:01*	*09/04/15 19:22*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		230	25	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
1,3-Dinitrobenzene	ND		230	40	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
2,4,6-Trinitrotoluene	ND		230	33	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
2,4-Dinitrotoluene	ND		230	34	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
2,6-Dinitrotoluene	ND		230	58	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
2-Amino-4,6-dinitrotoluene	ND		230	39	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
4-Amino-2,6-dinitrotoluene	ND		230	85	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
3-Nitrotoluene	ND		230	51	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
Nitrobenzene	ND		230	39	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
Nitroglycerin	ND		1100	250	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
2-Nitrotoluene	ND		230	59	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
4-Nitrotoluene	ND		230	74	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
PETN	ND		2300	310	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
RDX	ND		230	57	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
HMX	ND		230	35	ug/Kg		08/24/15 08:40	08/30/15 05:28	1
Tetryl	ND		230	42	ug/Kg		08/24/15 08:40	08/30/15 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*97*		*79 - 120*	*08/24/15 08:40*	*08/30/15 05:28*	*1*

Client Sample ID: 2015.08.17 SB-1 (28-30)

Lab Sample ID: 160-13510-3
Date Collected: 08/17/15 12:45
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 86.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.6	0.39	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,1,1-Trichloroethane	ND		5.6	0.48	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.45	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,1,2-Trichloroethane	ND		5.6	0.64	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,1-Dichloroethane	ND		5.6	0.44	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,1-Dichloroethene	ND		5.6	1.8	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,2-Dibromo-3-Chloropropane	ND		11	1.6	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,2-Dichloroethane	ND		5.6	0.98	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,2-Dichloropropane	ND		5.6	0.43	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
1,3-Dichloropropene, Total	ND		11	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
2-Butanone (MEK)	ND		23	2.2	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		23	0.82	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1

Client Sample ID: 2015.08.17 SB-1 (28-30)

Date Collected: 08/17/15 12:45
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-3

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	7.3	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Benzene	ND		5.6	0.28	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Bromodichloromethane	ND		5.6	0.28	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Bromoform	ND		5.6	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Carbon disulfide	ND		5.6	0.78	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Carbon tetrachloride	ND		5.6	0.57	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Chlorobenzene	ND		5.6	0.43	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Chlorodibromomethane	ND		5.6	0.46	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Chloroethane	ND		11	0.59	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Chloroform	ND		5.6	0.43	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Chloromethane	ND		11	0.73	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
cis-1,2-Dichloroethene	ND		5.6	0.68	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Ethylbenzene	ND		5.6	0.34	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Hexachlorobutadiene	ND		5.6	0.77	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Isobutyl alcohol	ND		230	29	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Methyl tert-butyl ether	ND		5.6	0.54	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Methylene Chloride	ND		5.6	1.8	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Styrene	ND		5.6	0.39	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Tetrachloroethene	ND		5.6	0.36	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Toluene	ND		5.6	0.79	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Trichloroethene	ND		5.6	0.44	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Trichlorofluoromethane	ND		5.6	0.56	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Vinyl chloride	ND		5.6	0.48	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼	08/27/15 15:48	08/27/15 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 127*	*08/27/15 15:48*	*08/27/15 22:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*63 - 150*	*08/27/15 15:48*	*08/27/15 22:50*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 126*	*08/27/15 15:48*	*08/27/15 22:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/27/15 15:48*	*08/27/15 22:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,2,4,5-Tetrachlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,2,4-Trichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,2-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,3-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,3-Dinitrobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
1,4-Dichlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,3,4,6-Tetrachlorophenol	ND		1800	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4,6-Trichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4-Dichlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4-Dimethylphenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4-Dinitrophenol	ND	*	1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,4-Dinitrotoluene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2,6-Dinitrotoluene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1

Client Sample ID: 2015.08.17 SB-1 (28-30)

Date Collected: 08/17/15 12:45
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-3

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2-Chlorophenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2-Methylnaphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
2-Nitroaniline	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
3,3'-Dichlorobenzidine	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
3-Nitroaniline	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
4-Nitroaniline	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
4-Nitrophenol	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Acenaphthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Acenaphthylene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Aniline	ND		380	69	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Benzo[a]anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Benzo[a]pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Benzo[b]fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Benzo[k]fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
bis (2-chloroisopropyl) ether	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Bis(2-chloroethyl)ether	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Bis(2-ethylhexyl) phthalate	ND		380	52	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Butyl benzyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Chrysene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Dibenz(a,h)anthracene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Dibenzofuran	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Diethyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Dimethyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Di-n-butyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Di-n-octyl phthalate	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Diphenylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Fluoranthene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Fluorene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Hexachlorobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Hexachlorobutadiene	ND	*	380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Hexachlorocyclopentadiene	ND		1800	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Hexachloroethane	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Indeno[1,2,3-cd]pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Isophorone	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Naphthalene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Nitrobenzene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
N-Nitrosodi-n-propylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Pentachlorophenol	ND		760	380	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Phenanthrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Phenol	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
Pyrene	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1
N-Nitrosodiphenylamine	ND		380	38	ug/Kg	☼	08/31/15 13:01	09/04/15 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*56 - 97*	*08/31/15 13:01*	*09/04/15 19:55*	*1*
2-Fluorophenol (Surr)	*78*		*53 - 97*	*08/31/15 13:01*	*09/04/15 19:55*	*1*
Nitrobenzene-d5 (Surr)	*83*		*55 - 98*	*08/31/15 13:01*	*09/04/15 19:55*	*1*
Phenol-d5 (Surr)	*79*		*54 - 101*	*08/31/15 13:01*	*09/04/15 19:55*	*1*

Client Sample ID: 2015.08.17 SB-1 (28-30)

Lab Sample ID: 160-13510-3
Date Collected: 08/17/15 12:45
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 86.8

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*58 - 123*	*08/31/15 13:01*	*09/04/15 19:55*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*46 - 111*	*08/31/15 13:01*	*09/04/15 19:55*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
2,4,6-Trinitrotoluene	ND		250	35	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
2,4-Dinitrotoluene	ND		250	37	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
2,6-Dinitrotoluene	ND		250	63	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
2-Amino-4,6-dinitrotoluene	ND		250	42	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
4-Amino-2,6-dinitrotoluene	ND		250	92	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
2-Nitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
HMX	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 12:44	1
Tetryl	ND		250	45	ug/Kg		08/24/15 08:45	08/30/15 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*107*		*79 - 120*	*08/24/15 08:45*	*08/30/15 12:44*	*1*

Client Sample ID: 2015.08.17 SB-2 (0-2)

Lab Sample ID: 160-13510-4
Date Collected: 08/17/15 14:50
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 92.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.4	0.38	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,1,1-Trichloroethane	ND		5.4	0.47	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,1,2,2-Tetrachloroethane	ND		5.4	0.43	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,1,2-Trichloroethane	ND		5.4	0.62	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,1-Dichloroethane	ND		5.4	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,1-Dichloroethene	ND		5.4	1.7	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,2-Dibromo-3-Chloropropane	ND		11	1.6	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,2-Dichloroethane	ND		5.4	0.95	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,2-Dichloropropane	ND		5.4	0.41	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
1,3-Dichloropropene, Total	ND		11	1.0	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
2-Butanone (MEK)	ND		22	2.1	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
4-Methyl-2-pentanone (MIBK)	ND		22	0.79	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Acetone	ND		22	7.0	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Benzene	ND		5.4	0.27	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Bromodichloromethane	ND		5.4	0.27	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Bromoform	ND		5.4	0.40	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Carbon disulfide	ND		5.4	0.75	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Carbon tetrachloride	ND		5.4	0.55	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1

Client Sample ID: 2015.08.17 SB-2 (0-2)

Date Collected: 08/17/15 14:50
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-4

Matrix: Solid
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.4	0.41	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Chlorodibromomethane	ND		5.4	0.45	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Chloroethane	ND		11	0.56	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Chloroform	ND		5.4	0.41	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Chloromethane	ND		11	0.71	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
cis-1,2-Dichloroethene	ND		5.4	0.65	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Ethylbenzene	ND		5.4	0.33	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Hexachlorobutadiene	ND		5.4	0.74	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Isobutyl alcohol	ND		220	28	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Methyl tert-butyl ether	ND		5.4	0.52	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Methylene Chloride	ND		5.4	1.7	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Styrene	ND		5.4	0.38	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Tetrachloroethene	ND		5.4	0.35	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Toluene	ND		5.4	0.76	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
trans-1,2-Dichloroethene	ND		5.4	1.0	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Trichloroethene	ND		5.4	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Trichlorofluoromethane	ND		5.4	0.54	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Vinyl chloride	ND		5.4	0.47	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1
Xylenes, Total	ND		11	0.92	ug/Kg	☼	08/27/15 15:48	08/27/15 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 127*	*08/27/15 15:48*	*08/27/15 23:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*63 - 150*	*08/27/15 15:48*	*08/27/15 23:15*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 126*	*08/27/15 15:48*	*08/27/15 23:15*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*08/27/15 15:48*	*08/27/15 23:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,2,4,5-Tetrachlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,2,4-Trichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,2-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,3-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,3-Dinitrobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
1,4-Dichlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,3,4,6-Tetrachlorophenol	ND		1700	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4,6-Trichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4-Dichlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4-Dimethylphenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4-Dinitrophenol	ND	*	1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,4-Dinitrotoluene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2,6-Dinitrotoluene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2-Chloronaphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2-Chlorophenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2-Methylnaphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
2-Nitroaniline	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
3,3'-Dichlorobenzidine	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
3-Nitroaniline	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
4-Nitroaniline	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1

Client Sample ID: 2015.08.17 SB-2 (0-2)

Date Collected: 08/17/15 14:50
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-4

Matrix: Solid
Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Acenaphthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Acenaphthylene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Aniline	ND		350	64	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Benzo[a]anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Benzo[a]pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Benzo[b]fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Benzo[k]fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
bis (2-chloroisopropyl) ether	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Bis(2-chloroethyl)ether	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Bis(2-ethylhexyl) phthalate	ND		350	49	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Butyl benzyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Chrysene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Dibenz(a,h)anthracene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Dibenzofuran	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Diethyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Dimethyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Di-n-butyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Di-n-octyl phthalate	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Diphenylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Fluoranthene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Fluorene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Hexachlorobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Hexachlorobutadiene	ND	*	350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Hexachlorocyclopentadiene	ND		1700	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Hexachloroethane	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Indeno[1,2,3-cd]pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Isophorone	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Naphthalene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Nitrobenzene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
N-Nitrosodi-n-propylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Pentachlorophenol	ND		710	350	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Phenanthrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Phenol	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
Pyrene	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1
N-Nitrosodiphenylamine	ND		350	36	ug/Kg	☼	08/31/15 13:01	09/04/15 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*56 - 97*	*08/31/15 13:01*	*09/04/15 20:27*	*1*
2-Fluorophenol (Surr)	*77*		*53 - 97*	*08/31/15 13:01*	*09/04/15 20:27*	*1*
Nitrobenzene-d5 (Surr)	*81*		*55 - 98*	*08/31/15 13:01*	*09/04/15 20:27*	*1*
Phenol-d5 (Surr)	*79*		*54 - 101*	*08/31/15 13:01*	*09/04/15 20:27*	*1*
Terphenyl-d14 (Surr)	*82*		*58 - 123*	*08/31/15 13:01*	*09/04/15 20:27*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*46 - 111*	*08/31/15 13:01*	*09/04/15 20:27*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 13:07	1

Client Sample ID: 2015.08.17 SB-2 (0-2)

Lab Sample ID: 160-13510-4
Date Collected: 08/17/15 14:50
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 92.9

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	ND		250	35	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
2,4-Dinitrotoluene	ND		250	37	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
2,6-Dinitrotoluene	ND		250	63	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
2-Amino-4,6-dinitrotoluene	ND		250	42	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
4-Amino-2,6-dinitrotoluene	ND		250	92	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
Nitrobenzene	ND		250	42	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
2-Nitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
4-Nitrotoluene	ND		250	80	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
RDX	ND		250	61	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
HMX	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 13:07	1
Tetryl	ND		250	45	ug/Kg		08/24/15 08:45	08/30/15 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*107*		*79 - 120*	*08/24/15 08:45*	*08/30/15 13:07*	*1*

Client Sample ID: 2015.08.17 SB-2 (16-18)

Lab Sample ID: 160-13510-5
Date Collected: 08/17/15 15:23
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 76.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.6	0.46	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,1,1-Trichloroethane	ND		6.6	0.57	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,1,2,2-Tetrachloroethane	ND		6.6	0.53	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,1,2-Trichloroethane	ND		6.6	0.75	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,1-Dichloroethane	ND		6.6	0.52	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,1-Dichloroethene	ND		6.6	2.1	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,2-Dibromo-3-Chloropropane	ND		13	1.9	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,2-Dichloroethane	ND		6.6	1.2	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,2-Dichloropropane	ND		6.6	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
1,3-Dichloropropene, Total	ND		13	1.3	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
2-Butanone (MEK)	ND		26	2.5	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
4-Methyl-2-pentanone (MIBK)	ND		26	0.97	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Acetone	ND		26	8.6	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Benzene	ND		6.6	0.33	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Bromodichloromethane	ND		6.6	0.33	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Bromoform	ND		6.6	0.49	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Bromomethane	ND		13	1.5	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Carbon disulfide	ND		6.6	0.91	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Carbon tetrachloride	ND		6.6	0.67	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Chlorobenzene	ND		6.6	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Chlorodibromomethane	ND		6.6	0.54	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Chloroethane	ND		13	0.69	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Chloroform	ND		6.6	0.50	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Chloromethane	ND		13	0.86	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
cis-1,2-Dichloroethene	ND		6.6	0.79	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Ethylbenzene	ND		6.6	0.40	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1

Client Sample ID: 2015.08.17 SB-2 (16-18)

Date Collected: 08/17/15 15:23
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-5

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		6.6	0.90	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Isobutyl alcohol	ND		260	34	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Methyl tert-butyl ether	ND		6.6	0.64	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Methylene Chloride	ND		6.6	2.1	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Styrene	ND		6.6	0.46	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Tetrachloroethene	ND		6.6	0.42	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Toluene	ND		6.6	0.93	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
trans-1,2-Dichloroethene	ND		6.6	1.2	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Trichloroethene	ND		6.6	0.52	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Trichlorofluoromethane	ND		6.6	0.66	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Vinyl chloride	ND		6.6	0.57	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	08/27/15 15:48	08/27/15 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 127*	*08/27/15 15:48*	*08/27/15 23:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*63 - 150*	*08/27/15 15:48*	*08/27/15 23:40*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 126*	*08/27/15 15:48*	*08/27/15 23:40*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/27/15 15:48*	*08/27/15 23:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,2,4,5-Tetrachlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,2,4-Trichlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,2-Dichlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,3-Dichlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,3-Dinitrobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
1,4-Dichlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,3,4,6-Tetrachlorophenol	ND		2100	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4,5-Trichlorophenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4,6-Trichlorophenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4-Dichlorophenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4-Dimethylphenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4-Dinitrophenol	ND	*	2100	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,4-Dinitrotoluene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2,6-Dinitrotoluene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2-Chloronaphthalene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2-Chlorophenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2-Methylnaphthalene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
2-Nitroaniline	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
3,3'-Dichlorobenzidine	ND		2100	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
3-Nitroaniline	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
4-Nitroaniline	ND		2100	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
4-Nitrophenol	ND		2100	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Acenaphthene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Acenaphthylene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Aniline	ND		430	78	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Anthracene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Benzo[a]anthracene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Benzo[a]pyrene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1

Client Sample ID: 2015.08.17 SB-2 (16-18)

Date Collected: 08/17/15 15:23
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-5

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Benzo[k]fluoranthene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
bis (2-chloroisopropyl) ether	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Bis(2-chloroethyl)ether	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Bis(2-ethylhexyl) phthalate	ND		430	59	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Butyl benzyl phthalate	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Chrysene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Dibenz(a,h)anthracene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Dibenzofuran	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Diethyl phthalate	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Dimethyl phthalate	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Di-n-butyl phthalate	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Di-n-octyl phthalate	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Diphenylamine	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Fluoranthene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Fluorene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Hexachlorobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Hexachlorobutadiene	ND	*	430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Hexachlorocyclopentadiene	ND		2100	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Hexachloroethane	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Indeno[1,2,3-cd]pyrene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Isophorone	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Naphthalene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Nitrobenzene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
N-Nitrosodi-n-propylamine	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Pentachlorophenol	ND		860	430	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Phenanthrene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Phenol	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
Pyrene	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1
N-Nitrosodiphenylamine	ND		430	44	ug/Kg	☼	08/31/15 13:01	09/04/15 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*56 - 97*	*08/31/15 13:01*	*09/04/15 21:00*	*1*
2-Fluorophenol (Surr)	*77*		*53 - 97*	*08/31/15 13:01*	*09/04/15 21:00*	*1*
Nitrobenzene-d5 (Surr)	*79*		*55 - 98*	*08/31/15 13:01*	*09/04/15 21:00*	*1*
Phenol-d5 (Surr)	*76*		*54 - 101*	*08/31/15 13:01*	*09/04/15 21:00*	*1*
Terphenyl-d14 (Surr)	*80*		*58 - 123*	*08/31/15 13:01*	*09/04/15 21:00*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*46 - 111*	*08/31/15 13:01*	*09/04/15 21:00*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	26	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
1,3-Dinitrobenzene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
2,4,6-Trinitrotoluene	ND		240	34	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
2,4-Dinitrotoluene	ND		240	36	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
2,6-Dinitrotoluene	ND		240	60	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
2-Amino-4,6-dinitrotoluene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
4-Amino-2,6-dinitrotoluene	ND		240	88	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
3-Nitrotoluene	ND		240	53	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
Nitrobenzene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 13:30	1

Client Sample ID: 2015.08.17 SB-2 (16-18)

Lab Sample ID: 160-13510-5

Date Collected: 08/17/15 15:23
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 76.3

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
2-Nitrotoluene	ND		240	62	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
4-Nitrotoluene	ND		240	77	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
PETN	ND		2400	330	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
RDX	ND		240	59	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
HMX	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 13:30	1
Tetryl	ND		240	43	ug/Kg		08/24/15 08:45	08/30/15 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*108*		*79 - 120*	*08/24/15 08:45*	*08/30/15 13:30*	*1*

Client Sample ID: 2015.08.17 SB-2 (28-30)

Lab Sample ID: 160-13510-6

Date Collected: 08/17/15 16:00
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 77.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.1	0.43	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,1,1-Trichloroethane	ND		6.1	0.52	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.49	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,1,2-Trichloroethane	ND		6.1	0.69	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,1-Dichloroethane	ND		6.1	0.47	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,1-Dichloroethene	ND		6.1	2.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,2-Dibromo-3-Chloropropane	ND		12	1.8	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,2-Dichloroethane	ND		6.1	1.1	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,2-Dichloropropane	ND		6.1	0.46	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
1,3-Dichloropropene, Total	ND		12	1.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
2-Butanone (MEK)	ND		24	2.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
4-Methyl-2-pentanone (MIBK)	ND		24	0.89	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Acetone	ND		24	7.9	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Benzene	ND		6.1	0.30	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Bromodichloromethane	ND		6.1	0.30	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Bromoform	ND		6.1	0.45	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Bromomethane	ND		12	1.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Carbon disulfide	ND		6.1	0.84	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Carbon tetrachloride	ND		6.1	0.62	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Chlorobenzene	ND		6.1	0.46	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Chlorodibromomethane	ND		6.1	0.50	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Chloroethane	ND		12	0.63	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Chloroform	ND		6.1	0.46	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Chloromethane	ND		12	0.79	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
cis-1,2-Dichloroethene	ND		6.1	0.73	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Ethylbenzene	ND		6.1	0.36	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Hexachlorobutadiene	ND		6.1	0.83	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Isobutyl alcohol	ND		240	31	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Methyl tert-butyl ether	ND		6.1	0.58	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Methylene Chloride	ND		6.1	1.9	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Styrene	ND		6.1	0.43	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Tetrachloroethene	ND		6.1	0.39	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Toluene	ND		6.1	0.85	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1

Client Sample ID: 2015.08.17 SB-2 (28-30)

Date Collected: 08/17/15 16:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-6

Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		6.1	1.1	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Trichloroethene	ND		6.1	0.47	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Trichlorofluoromethane	ND		6.1	0.61	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Vinyl chloride	ND		6.1	0.52	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 127*	*08/27/15 15:48*	*08/28/15 00:05*	*1*
4-Bromofluorobenzene (Surr)	*95*		*63 - 150*	*08/27/15 15:48*	*08/28/15 00:05*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 126*	*08/27/15 15:48*	*08/28/15 00:05*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/27/15 15:48*	*08/28/15 00:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,2,4,5-Tetrachlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,2,4-Trichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,2-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,3-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,3-Dinitrobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
1,4-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,3,4,6-Tetrachlorophenol	ND		2000	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4,5-Trichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4,6-Trichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4-Dichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4-Dimethylphenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4-Dinitrophenol	ND	*	2000	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,4-Dinitrotoluene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2,6-Dinitrotoluene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2-Chloronaphthalene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2-Chlorophenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2-Methylnaphthalene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
2-Nitroaniline	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
3,3'-Dichlorobenzidine	ND		2000	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
3-Nitroaniline	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
4-Nitroaniline	ND		2000	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
4-Nitrophenol	ND		2000	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Acenaphthene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Acenaphthylene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Aniline	ND		420	76	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Anthracene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Benzo[a]anthracene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Benzo[a]pyrene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Benzo[b]fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Benzo[k]fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
bis (2-chloroisopropyl) ether	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Bis(2-chloroethyl)ether	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Bis(2-ethylhexyl) phthalate	ND		420	57	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Butyl benzyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Chrysene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1

Client Sample ID: 2015.08.17 SB-2 (28-30)

Date Collected: 08/17/15 16:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-6

Matrix: Solid
Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Dibenzofuran	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Diethyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Dimethyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Di-n-butyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Di-n-octyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Diphenylamine	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Fluorene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Hexachlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Hexachlorobutadiene	ND	*	420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Hexachlorocyclopentadiene	ND		2000	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Hexachloroethane	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Indeno[1,2,3-cd]pyrene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Isophorone	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Naphthalene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Nitrobenzene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
N-Nitrosodi-n-propylamine	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Pentachlorophenol	ND		840	420	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Phenanthrene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Phenol	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
Pyrene	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1
N-Nitrosodiphenylamine	ND		420	42	ug/Kg	☼	08/31/15 13:01	09/04/15 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*95*		*56 - 97*	*08/31/15 13:01*	*09/04/15 21:33*	*1*
2-Fluorophenol (Surr)	*79*		*53 - 97*	*08/31/15 13:01*	*09/04/15 21:33*	*1*
Nitrobenzene-d5 (Surr)	*83*		*55 - 98*	*08/31/15 13:01*	*09/04/15 21:33*	*1*
Phenol-d5 (Surr)	*79*		*54 - 101*	*08/31/15 13:01*	*09/04/15 21:33*	*1*
Terphenyl-d14 (Surr)	*81*		*58 - 123*	*08/31/15 13:01*	*09/04/15 21:33*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*46 - 111*	*08/31/15 13:01*	*09/04/15 21:33*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	26	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
1,3-Dinitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
2,4,6-Trinitrotoluene	ND		240	34	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
2,4-Dinitrotoluene	ND		240	36	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
2,6-Dinitrotoluene	ND		240	61	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
2-Amino-4,6-dinitrotoluene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
4-Amino-2,6-dinitrotoluene	ND		240	90	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
3-Nitrotoluene	ND		240	53	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
2-Nitrotoluene	ND		240	63	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
4-Nitrotoluene	ND		240	78	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
PETN	ND		2400	330	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
RDX	ND		240	60	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
HMX	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 13:53	1
Tetryl	ND		240	44	ug/Kg		08/24/15 08:45	08/30/15 13:53	1

Client Sample ID: 2015.08.17 SB-2 (28-30)

Date Collected: 08/17/15 16:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-6
Matrix: Solid
Percent Solids: 77.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene (Surr)	107		79 - 120	08/24/15 08:45	08/30/15 13:53	1

Client Sample ID: 2015.08.17 SB-3 (0-2)

Date Collected: 08/17/15 17:15
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-7
Matrix: Solid
Percent Solids: 84.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.3	0.44	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,1,1-Trichloroethane	ND		6.3	0.54	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,1,2,2-Tetrachloroethane	ND		6.3	0.51	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,1,2-Trichloroethane	ND		6.3	0.72	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,1-Dichloroethane	ND		6.3	0.49	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,1-Dichloroethene	ND		6.3	2.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,2-Dibromo-3-Chloropropane	ND		13	1.8	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,2-Dichloroethane	ND		6.3	1.1	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,2-Dichloropropane	ND		6.3	0.48	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
1,3-Dichloropropene, Total	ND		13	1.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
2-Butanone (MEK)	ND		25	2.4	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
4-Methyl-2-pentanone (MIBK)	ND		25	0.92	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Acetone	ND		25	8.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Benzene	ND		6.3	0.32	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Bromodichloromethane	ND		6.3	0.32	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Bromoform	ND		6.3	0.47	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Bromomethane	ND		13	1.4	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Carbon disulfide	ND		6.3	0.87	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Carbon tetrachloride	ND		6.3	0.64	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Chlorobenzene	ND		6.3	0.48	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Chlorodibromomethane	ND		6.3	0.52	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Chloroethane	ND		13	0.66	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Chloroform	ND		6.3	0.48	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Chloromethane	ND		13	0.82	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
cis-1,2-Dichloroethene	ND		6.3	0.76	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Ethylbenzene	ND		6.3	0.38	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Hexachlorobutadiene	ND		6.3	0.86	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Isobutyl alcohol	ND		250	32	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Methyl tert-butyl ether	ND		6.3	0.61	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Methylene Chloride	ND		6.3	2.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Styrene	ND		6.3	0.44	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Tetrachloroethene	ND		6.3	0.40	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Toluene	ND		6.3	0.88	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
trans-1,2-Dichloroethene	ND		6.3	1.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Trichloroethene	ND		6.3	0.49	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Trichlorofluoromethane	ND		6.3	0.63	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Vinyl chloride	ND		6.3	0.54	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	08/27/15 15:48	08/28/15 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		72 - 127	08/27/15 15:48	08/28/15 00:30	1
4-Bromofluorobenzene (Surr)	106		63 - 150	08/27/15 15:48	08/28/15 00:30	1

Client Sample ID: 2015.08.17 SB-3 (0-2)

Date Collected: 08/17/15 17:15
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-7

Matrix: Solid
Percent Solids: 84.9

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 126*	*08/27/15 15:48*	*08/28/15 00:30*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*08/27/15 15:48*	*08/28/15 00:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,2,4,5-Tetrachlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,2,4-Trichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,2-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,3-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,3-Dinitrobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
1,4-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,3,4,6-Tetrachlorophenol	ND		1900	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4,6-Trichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4-Dimethylphenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4-Dinitrophenol	ND	*	1900	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,4-Dinitrotoluene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2,6-Dinitrotoluene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2-Chloronaphthalene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2-Chlorophenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2-Methylnaphthalene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
2-Nitroaniline	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
3,3'-Dichlorobenzidine	ND		1900	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
3-Nitroaniline	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
4-Nitroaniline	ND		1900	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
4-Nitrophenol	ND		1900	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Acenaphthene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Acenaphthylene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Aniline	ND		390	70	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Anthracene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Benzo[a]anthracene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Benzo[a]pyrene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Benzo[b]fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Benzo[k]fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
bis (2-chloroisopropyl) ether	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Bis(2-chloroethyl)ether	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Bis(2-ethylhexyl) phthalate	ND		390	53	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Butyl benzyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Chrysene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Dibenz(a,h)anthracene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Dibenzofuran	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Diethyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Dimethyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Di-n-butyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Di-n-octyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Diphenylamine	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1

Client Sample ID: 2015.08.17 SB-3 (0-2)

Date Collected: 08/17/15 17:15
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-7

Matrix: Solid
Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Hexachlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Hexachlorobutadiene	ND	*	390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Hexachlorocyclopentadiene	ND		1900	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Hexachloroethane	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Indeno[1,2,3-cd]pyrene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Isophorone	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Naphthalene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Nitrobenzene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
N-Nitrosodi-n-propylamine	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Pentachlorophenol	ND		770	390	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Phenanthrene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Phenol	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
Pyrene	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1
N-Nitrosodiphenylamine	ND		390	39	ug/Kg	☼	08/31/15 13:01	09/04/15 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*56 - 97*	*08/31/15 13:01*	*09/04/15 22:06*	*1*
2-Fluorophenol (Surr)	*76*		*53 - 97*	*08/31/15 13:01*	*09/04/15 22:06*	*1*
Nitrobenzene-d5 (Surr)	*80*		*55 - 98*	*08/31/15 13:01*	*09/04/15 22:06*	*1*
Phenol-d5 (Surr)	*75*		*54 - 101*	*08/31/15 13:01*	*09/04/15 22:06*	*1*
Terphenyl-d14 (Surr)	*79*		*58 - 123*	*08/31/15 13:01*	*09/04/15 22:06*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*46 - 111*	*08/31/15 13:01*	*09/04/15 22:06*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	27	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
1,3-Dinitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
2,4,6-Trinitrotoluene	ND		240	35	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
2,4-Dinitrotoluene	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
2,6-Dinitrotoluene	ND		240	62	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
2-Amino-4,6-dinitrotoluene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
4-Amino-2,6-dinitrotoluene	ND		240	91	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
3-Nitrotoluene	ND		240	54	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
2-Nitrotoluene	ND		240	63	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
4-Nitrotoluene	ND		240	79	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
PETN	ND		2400	330	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
RDX	ND		240	60	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
HMX	ND		240	38	ug/Kg		08/24/15 08:45	08/30/15 14:16	1
Tetryl	ND		240	45	ug/Kg		08/24/15 08:45	08/30/15 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*103*		*79 - 120*	*08/24/15 08:45*	*08/30/15 14:16*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.17 SB-3 (16-18)

Date Collected: 08/17/15 17:55
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-8

Matrix: Solid
Percent Solids: 75.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		7.1	0.50	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,1,1-Trichloroethane	ND		7.1	0.61	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,1,2,2-Tetrachloroethane	ND		7.1	0.57	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,1,2-Trichloroethane	ND		7.1	0.82	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,1-Dichloroethane	ND		7.1	0.56	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,1-Dichloroethene	ND		7.1	2.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,2-Dibromo-3-Chloropropane	ND		14	2.1	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,2-Dichloroethane	ND		7.1	1.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,2-Dichloropropane	ND		7.1	0.54	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
1,3-Dichloropropene, Total	ND		14	1.4	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
2-Butanone (MEK)	ND		29	2.7	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Acetone	ND		29	9.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Benzene	ND		7.1	0.36	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Bromodichloromethane	ND		7.1	0.36	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Bromoform	ND		7.1	0.53	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Bromomethane	ND		14	1.6	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Carbon disulfide	ND		7.1	0.99	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Carbon tetrachloride	ND		7.1	0.73	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Chlorobenzene	ND		7.1	0.54	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Chlorodibromomethane	ND		7.1	0.59	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Chloroethane	ND		14	0.74	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Chloroform	ND		7.1	0.54	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Chloromethane	ND		14	0.93	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
cis-1,2-Dichloroethene	ND		7.1	0.86	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Ethylbenzene	ND		7.1	0.43	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Hexachlorobutadiene	ND		7.1	0.97	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Isobutyl alcohol	ND		290	36	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Methyl tert-butyl ether	ND		7.1	0.69	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Methylene Chloride	ND		7.1	2.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Styrene	ND		7.1	0.50	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Tetrachloroethene	ND		7.1	0.46	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Toluene	ND		7.1	1.0	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
trans-1,2-Dichloroethene	ND		7.1	1.3	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Trichloroethene	ND		7.1	0.56	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Trichlorofluoromethane	ND		7.1	0.71	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Vinyl chloride	ND		7.1	0.61	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼	08/27/15 15:48	08/28/15 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 127*	*08/27/15 15:48*	*08/28/15 00:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*63 - 150*	*08/27/15 15:48*	*08/28/15 00:55*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 126*	*08/27/15 15:48*	*08/28/15 00:55*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/27/15 15:48*	*08/28/15 00:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
1,2,4,5-Tetrachlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
1,2,4-Trichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1

Client Sample ID: 2015.08.17 SB-3 (16-18)

Date Collected: 08/17/15 17:55
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-8

Matrix: Solid
Percent Solids: 75.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
1,3-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
1,3-Dinitrobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
1,4-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,3,4,6-Tetrachlorophenol	ND		2100	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4,5-Trichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4,6-Trichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4-Dichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4-Dimethylphenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4-Dinitrophenol	ND	*	2100	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,4-Dinitrotoluene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2,6-Dinitrotoluene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2-Chloronaphthalene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2-Chlorophenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2-Methylnaphthalene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
2-Nitroaniline	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
3,3'-Dichlorobenzidine	ND		2100	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
3-Nitroaniline	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
4-Nitroaniline	ND		2100	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
4-Nitrophenol	ND		2100	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Acenaphthene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Acenaphthylene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Aniline	ND		440	80	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Anthracene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Benzo[a]anthracene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Benzo[a]pyrene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Benzo[b]fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Benzo[k]fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
bis (2-chloroisopropyl) ether	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Bis(2-chloroethyl)ether	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Bis(2-ethylhexyl) phthalate	ND		440	60	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Butyl benzyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Chrysene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Dibenz(a,h)anthracene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Dibenzofuran	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Diethyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Dimethyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Di-n-butyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Di-n-octyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Diphenylamine	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Fluorene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Hexachlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Hexachlorobutadiene	ND	*	440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Hexachlorocyclopentadiene	ND		2100	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Hexachloroethane	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Indeno[1,2,3-cd]pyrene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Isophorone	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Naphthalene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1

Client Sample ID: 2015.08.17 SB-3 (16-18)

Lab Sample ID: 160-13510-8
Date Collected: 08/17/15 17:55
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 75.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
N-Nitrosodi-n-propylamine	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Pentachlorophenol	ND		880	440	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Phenanthrene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Phenol	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
Pyrene	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1
N-Nitrosodiphenylamine	ND		440	44	ug/Kg	☼	08/31/15 13:01	09/04/15 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*56 - 97*	*08/31/15 13:01*	*09/04/15 22:39*	*1*
2-Fluorophenol (Surr)	*76*		*53 - 97*	*08/31/15 13:01*	*09/04/15 22:39*	*1*
Nitrobenzene-d5 (Surr)	*79*		*55 - 98*	*08/31/15 13:01*	*09/04/15 22:39*	*1*
Phenol-d5 (Surr)	*75*		*54 - 101*	*08/31/15 13:01*	*09/04/15 22:39*	*1*
Terphenyl-d14 (Surr)	*80*		*58 - 123*	*08/31/15 13:01*	*09/04/15 22:39*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*46 - 111*	*08/31/15 13:01*	*09/04/15 22:39*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	27	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
1,3-Dinitrobenzene	ND		240	43	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
2,4,6-Trinitrotoluene	ND		240	35	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
2,4-Dinitrotoluene	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
2,6-Dinitrotoluene	ND		240	62	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
2-Amino-4,6-dinitrotoluene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
4-Amino-2,6-dinitrotoluene	ND		240	91	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
3-Nitrotoluene	ND		240	54	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
2-Nitrotoluene	ND		240	64	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
4-Nitrotoluene	ND		240	80	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
PETN	ND		2400	340	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
RDX	ND		240	61	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
HMX	ND		240	38	ug/Kg		08/24/15 08:45	08/30/15 15:02	1
Tetryl	ND		240	45	ug/Kg		08/24/15 08:45	08/30/15 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*107*		*79 - 120*	*08/24/15 08:45*	*08/30/15 15:02*	*1*

Client Sample ID: 2015.08.17 SB-3 (28-30)

Lab Sample ID: 160-13510-9
Date Collected: 08/17/15 18:21
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 82.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.2	0.30	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,1,1-Trichloroethane	ND		4.2	0.36	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.34	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,1,2-Trichloroethane	ND		4.2	0.48	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,1-Dichloroethane	ND		4.2	0.33	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,1-Dichloroethene	ND		4.2	1.4	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1

Client Sample ID: 2015.08.17 SB-3 (28-30)

Date Collected: 08/17/15 18:21
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-9

Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		8.5	1.2	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,2-Dichloroethane	ND		4.2	0.74	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,2-Dichloropropane	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
1,3-Dichloropropene, Total	ND		8.5	0.80	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
2-Butanone (MEK)	ND		17	1.6	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		17	0.62	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Acetone	ND		17	5.5	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Benzene	ND		4.2	0.21	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Bromodichloromethane	ND		4.2	0.21	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Bromoform	ND		4.2	0.31	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Bromomethane	ND		8.5	0.93	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Carbon disulfide	ND		4.2	0.58	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Carbon tetrachloride	ND		4.2	0.43	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Chlorobenzene	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Chlorodibromomethane	ND		4.2	0.35	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Chloroethane	ND		8.5	0.44	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Chloroform	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Chloromethane	ND		8.5	0.55	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
cis-1,2-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Ethylbenzene	ND		4.2	0.25	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Hexachlorobutadiene	ND		4.2	0.58	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Isobutyl alcohol	ND		170	22	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Methylene Chloride	ND		4.2	1.3	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Styrene	ND		4.2	0.30	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Tetrachloroethene	ND		4.2	0.27	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Toluene	ND		4.2	0.59	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
trans-1,2-Dichloroethene	ND		4.2	0.80	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Trichloroethene	ND		4.2	0.33	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Trichlorofluoromethane	ND		4.2	0.42	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Vinyl chloride	ND		4.2	0.36	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1
Xylenes, Total	ND		8.5	0.72	ug/Kg	☼	08/27/15 19:43	08/28/15 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 127*	*08/27/15 19:43*	*08/28/15 01:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*63 - 150*	*08/27/15 19:43*	*08/28/15 01:21*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 126*	*08/27/15 19:43*	*08/28/15 01:21*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/27/15 19:43*	*08/28/15 01:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,2,4,5-Tetrachlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,2,4-Trichlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,2-Dichlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,3-Dichlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,3-Dinitrobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
1,4-Dichlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,3,4,6-Tetrachlorophenol	ND		1900	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,4,5-Trichlorophenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1

Client Sample ID: 2015.08.17 SB-3 (28-30)

Date Collected: 08/17/15 18:21
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-9

Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,4-Dichlorophenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,4-Dimethylphenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,4-Dinitrophenol	ND	*	1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,4-Dinitrotoluene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2,6-Dinitrotoluene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2-Chloronaphthalene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2-Chlorophenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2-Methylnaphthalene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
2-Nitroaniline	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
3,3'-Dichlorobenzidine	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
3-Nitroaniline	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
4-Nitroaniline	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
4-Nitrophenol	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Acenaphthene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Acenaphthylene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Aniline	ND		400	73	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Anthracene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Benzo[a]anthracene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Benzo[a]pyrene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Benzo[b]fluoranthene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Benzo[k]fluoranthene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
bis (2-chloroisopropyl) ether	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Bis(2-chloroethyl)ether	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Bis(2-ethylhexyl) phthalate	ND		400	55	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Butyl benzyl phthalate	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Chrysene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Dibenz(a,h)anthracene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Dibenzofuran	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Diethyl phthalate	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Dimethyl phthalate	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Di-n-butyl phthalate	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Di-n-octyl phthalate	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Diphenylamine	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Fluoranthene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Fluorene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Hexachlorobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Hexachlorobutadiene	ND	*	400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Hexachlorocyclopentadiene	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Hexachloroethane	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Indeno[1,2,3-cd]pyrene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Isophorone	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Naphthalene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Nitrobenzene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
N-Nitrosodi-n-propylamine	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Pentachlorophenol	ND		800	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Phenanthrene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Phenol	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1
Pyrene	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1

Client Sample ID: 2015.08.17 SB-3 (28-30)

Lab Sample ID: 160-13510-9
Date Collected: 08/17/15 18:21
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		400	40	ug/Kg	☼	08/31/15 13:01	09/04/15 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*56 - 97*	*08/31/15 13:01*	*09/04/15 23:11*	*1*
2-Fluorophenol (Surr)	*73*		*53 - 97*	*08/31/15 13:01*	*09/04/15 23:11*	*1*
Nitrobenzene-d5 (Surr)	*76*		*55 - 98*	*08/31/15 13:01*	*09/04/15 23:11*	*1*
Phenol-d5 (Surr)	*73*		*54 - 101*	*08/31/15 13:01*	*09/04/15 23:11*	*1*
Terphenyl-d14 (Surr)	*77*		*58 - 123*	*08/31/15 13:01*	*09/04/15 23:11*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*46 - 111*	*08/31/15 13:01*	*09/04/15 23:11*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	27	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
1,3-Dinitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
2,4,6-Trinitrotoluene	ND		240	35	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
2,4-Dinitrotoluene	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
2,6-Dinitrotoluene	ND		240	62	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
2-Amino-4,6-dinitrotoluene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
4-Amino-2,6-dinitrotoluene	ND		240	91	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
3-Nitrotoluene	ND		240	54	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
2-Nitrotoluene	ND		240	63	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
4-Nitrotoluene	ND		240	79	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
PETN	ND		2400	340	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
RDX	ND		240	61	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
HMX	ND		240	38	ug/Kg		08/24/15 08:45	08/30/15 15:25	1
Tetryl	ND		240	45	ug/Kg		08/24/15 08:45	08/30/15 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*103*		*79 - 120*	*08/24/15 08:45*	*08/30/15 15:25*	*1*

Client Sample ID: 2015.08.17 SB DUP #1

Lab Sample ID: 160-13510-10
Date Collected: 08/17/15 00:00
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 81.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.2	0.30	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,1,1-Trichloroethane	ND		4.2	0.36	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.34	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,1,2-Trichloroethane	ND		4.2	0.48	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,1-Dichloroethane	ND		4.2	0.33	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,1-Dichloroethene	ND		4.2	1.4	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,2-Dibromo-3-Chloropropane	ND		8.5	1.2	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,2-Dichloroethane	ND		4.2	0.74	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,2-Dichloropropane	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
1,3-Dichloropropene, Total	ND		8.5	0.80	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
2-Butanone (MEK)	ND		17	1.6	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		17	0.62	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1

Client Sample ID: 2015.08.17 SB DUP #1

Date Collected: 08/17/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-10

Matrix: Solid
Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.5	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Benzene	ND		4.2	0.21	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Bromodichloromethane	ND		4.2	0.21	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Bromoform	ND		4.2	0.31	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Bromomethane	ND		8.5	0.93	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Carbon disulfide	ND		4.2	0.58	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Carbon tetrachloride	ND		4.2	0.43	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Chlorobenzene	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Chlorodibromomethane	ND		4.2	0.35	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Chloroethane	ND		8.5	0.44	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Chloroform	ND		4.2	0.32	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Chloromethane	ND		8.5	0.55	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
cis-1,2-Dichloroethene	ND		4.2	0.51	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Ethylbenzene	ND		4.2	0.25	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Hexachlorobutadiene	ND		4.2	0.58	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Isobutyl alcohol	ND		170	21	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Methyl tert-butyl ether	ND		4.2	0.41	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Methylene Chloride	ND		4.2	1.3	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Styrene	ND		4.2	0.30	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Tetrachloroethene	ND		4.2	0.27	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Toluene	ND		4.2	0.59	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
trans-1,2-Dichloroethene	ND		4.2	0.80	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Trichloroethene	ND		4.2	0.33	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Trichlorofluoromethane	ND		4.2	0.42	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Vinyl chloride	ND		4.2	0.36	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1
Xylenes, Total	ND		8.5	0.72	ug/Kg	☼	08/27/15 19:43	08/28/15 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 127*	*08/27/15 19:43*	*08/28/15 01:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/27/15 19:43*	*08/28/15 01:46*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 126*	*08/27/15 19:43*	*08/28/15 01:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/27/15 19:43*	*08/28/15 01:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,2,4,5-Tetrachlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,2,4-Trichlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,2-Dichlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,3-Dichlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,3-Dinitrobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
1,4-Dichlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,3,4,6-Tetrachlorophenol	ND		1900	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4,6-Trichlorophenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4-Dichlorophenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4-Dimethylphenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4-Dinitrophenol	ND	*	1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,4-Dinitrotoluene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2,6-Dinitrotoluene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1

Client Sample ID: 2015.08.17 SB DUP #1

Date Collected: 08/17/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-10

Matrix: Solid
Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2-Chlorophenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2-Methylnaphthalene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
2-Nitroaniline	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
3,3'-Dichlorobenzidine	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
3-Nitroaniline	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
4-Nitroaniline	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
4-Nitrophenol	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Acenaphthene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Acenaphthylene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Aniline	ND		400	73	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Anthracene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Benzo[a]anthracene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Benzo[a]pyrene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Benzo[b]fluoranthene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Benzo[k]fluoranthene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
bis (2-chloroisopropyl) ether	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Bis(2-chloroethyl)ether	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Bis(2-ethylhexyl) phthalate	ND		400	55	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Butyl benzyl phthalate	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Chrysene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Dibenz(a,h)anthracene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Dibenzofuran	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Diethyl phthalate	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Dimethyl phthalate	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Di-n-butyl phthalate	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Di-n-octyl phthalate	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Diphenylamine	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Fluoranthene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Fluorene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Hexachlorobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Hexachlorobutadiene	ND	*	400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Hexachlorocyclopentadiene	ND		1900	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Hexachloroethane	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Indeno[1,2,3-cd]pyrene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Isophorone	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Naphthalene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Nitrobenzene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
N-Nitrosodi-n-propylamine	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Pentachlorophenol	ND		800	400	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Phenanthrene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Phenol	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
Pyrene	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1
N-Nitrosodiphenylamine	ND		400	41	ug/Kg	☼	08/31/15 13:01	09/04/15 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*56 - 97*	*08/31/15 13:01*	*09/04/15 23:44*	*1*
2-Fluorophenol (Surr)	*76*		*53 - 97*	*08/31/15 13:01*	*09/04/15 23:44*	*1*
Nitrobenzene-d5 (Surr)	*79*		*55 - 98*	*08/31/15 13:01*	*09/04/15 23:44*	*1*
Phenol-d5 (Surr)	*76*		*54 - 101*	*08/31/15 13:01*	*09/04/15 23:44*	*1*

Client Sample ID: 2015.08.17 SB DUP #1

Lab Sample ID: 160-13510-10
Date Collected: 08/17/15 00:00
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 81.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*58 - 123*	*08/31/15 13:01*	*09/04/15 23:44*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*46 - 111*	*08/31/15 13:01*	*09/04/15 23:44*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
2,4,6-Trinitrotoluene	ND		250	35	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
2,4-Dinitrotoluene	ND		250	37	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
2,6-Dinitrotoluene	ND		250	63	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
2-Amino-4,6-dinitrotoluene	ND		250	42	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
4-Amino-2,6-dinitrotoluene	ND		250	92	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
HMX	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 15:48	1
Tetryl	ND		250	45	ug/Kg		08/24/15 08:45	08/30/15 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*105*		*79 - 120*	*08/24/15 08:45*	*08/30/15 15:48*	*1*

Client Sample ID: 2015.08.18 SB SB-4 (0-2)

Lab Sample ID: 160-13510-11
Date Collected: 08/18/15 08:10
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 84.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.1	0.43	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,1,1-Trichloroethane	ND		6.1	0.52	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.49	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,1,2-Trichloroethane	ND		6.1	0.69	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,1-Dichloroethane	ND		6.1	0.47	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,1-Dichloroethene	ND		6.1	2.0	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,2-Dibromo-3-Chloropropane	ND		12	1.8	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,2-Dichloroethane	ND		6.1	1.1	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,2-Dichloropropane	ND		6.1	0.46	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
1,3-Dichloropropene, Total	ND		12	1.2	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
2-Butanone (MEK)	ND		24	2.3	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
4-Methyl-2-pentanone (MIBK)	ND		24	0.89	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Acetone	**11**	**J**	24	7.9	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Benzene	ND		6.1	0.30	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Bromodichloromethane	ND		6.1	0.30	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Bromoform	ND		6.1	0.45	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Bromomethane	ND		12	1.3	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Carbon disulfide	ND		6.1	0.84	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Carbon tetrachloride	ND		6.1	0.62	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1

Client Sample ID: 2015.08.18 SB SB-4 (0-2)

Date Collected: 08/18/15 08:10
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-11

Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		6.1	0.46	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Chlorodibromomethane	ND		6.1	0.50	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Chloroethane	ND		12	0.63	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Chloroform	ND		6.1	0.46	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Chloromethane	ND		12	0.79	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
cis-1,2-Dichloroethene	ND		6.1	0.73	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Ethylbenzene	ND		6.1	0.36	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Hexachlorobutadiene	ND		6.1	0.83	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Isobutyl alcohol	ND		240	31	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Methyl tert-butyl ether	ND		6.1	0.58	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Methylene Chloride	ND		6.1	1.9	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Styrene	ND		6.1	0.43	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Tetrachloroethene	ND		6.1	0.39	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Toluene	ND		6.1	0.85	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
trans-1,2-Dichloroethene	ND		6.1	1.1	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Trichloroethene	ND		6.1	0.47	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Trichlorofluoromethane	ND		6.1	0.61	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Vinyl chloride	ND		6.1	0.52	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	08/29/15 14:55	08/29/15 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 127*	*08/29/15 14:55*	*08/29/15 23:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/29/15 14:55*	*08/29/15 23:53*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 126*	*08/29/15 14:55*	*08/29/15 23:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/29/15 14:55*	*08/29/15 23:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,2,4,5-Tetrachlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,2,4-Trichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,2-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,3-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,3-Dinitrobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
1,4-Dichlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,3,4,6-Tetrachlorophenol	ND		1900	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4,6-Trichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4-Dimethylphenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4-Dinitrophenol	ND	*	1900	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,4-Dinitrotoluene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2,6-Dinitrotoluene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2-Chloronaphthalene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2-Chlorophenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2-Methylnaphthalene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
2-Nitroaniline	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
3,3'-Dichlorobenzidine	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
3-Nitroaniline	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
4-Nitroaniline	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1

Client Sample ID: 2015.08.18 SB SB-4 (0-2)

Date Collected: 08/18/15 08:10
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-11
Matrix: Solid
Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Acenaphthene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Acenaphthylene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Aniline	ND		390	70	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Anthracene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Benzo[a]anthracene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Benzo[a]pyrene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Benzo[b]fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Benzo[k]fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
bis (2-chloroisopropyl) ether	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Bis(2-chloroethyl)ether	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Bis(2-ethylhexyl) phthalate	ND		390	53	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Butyl benzyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Chrysene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Dibenz(a,h)anthracene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Dibenzofuran	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Diethyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Dimethyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Di-n-butyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Di-n-octyl phthalate	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Diphenylamine	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Fluoranthene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Fluorene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Hexachlorobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Hexachlorobutadiene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Hexachlorocyclopentadiene	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Hexachloroethane	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Indeno[1,2,3-cd]pyrene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Isophorone	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Naphthalene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Nitrobenzene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
N-Nitrosodi-n-propylamine	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Pentachlorophenol	ND		770	390	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Phenanthrene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Phenol	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
Pyrene	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1
N-Nitrosodiphenylamine	ND		390	39	ug/Kg	☼	08/31/15 15:37	09/11/15 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*56 - 97*	*08/31/15 15:37*	*09/11/15 17:49*	*1*
2-Fluorophenol (Surr)	*81*		*53 - 97*	*08/31/15 15:37*	*09/11/15 17:49*	*1*
Nitrobenzene-d5 (Surr)	*78*		*55 - 98*	*08/31/15 15:37*	*09/11/15 17:49*	*1*
Phenol-d5 (Surr)	*77*		*54 - 101*	*08/31/15 15:37*	*09/11/15 17:49*	*1*
Terphenyl-d14 (Surr)	*64*		*58 - 123*	*08/31/15 15:37*	*09/11/15 17:49*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*46 - 111*	*08/31/15 15:37*	*09/11/15 17:49*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		230	25	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
1,3-Dinitrobenzene	ND		230	39	ug/Kg		08/24/15 08:45	08/30/15 16:11	1

Client Sample ID: 2015.08.18 SB SB-4 (0-2)

Lab Sample ID: 160-13510-11

Date Collected: 08/18/15 08:10
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 84.8

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	ND		230	32	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
2,4-Dinitrotoluene	ND		230	34	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
2,6-Dinitrotoluene	ND		230	57	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
2-Amino-4,6-dinitrotoluene	ND		230	39	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
4-Amino-2,6-dinitrotoluene	ND		230	84	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
3-Nitrotoluene	ND		230	50	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
Nitrobenzene	ND		230	39	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
Nitroglycerin	ND		1100	240	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
2-Nitrotoluene	ND		230	59	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
4-Nitrotoluene	ND		230	73	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
PETN	ND		2300	310	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
RDX	ND		230	56	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
HMX	ND		230	35	ug/Kg		08/24/15 08:45	08/30/15 16:11	1
Tetryl	ND		230	41	ug/Kg		08/24/15 08:45	08/30/15 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*106*		*79 - 120*	*08/24/15 08:45*	*08/30/15 16:11*	*1*

Client Sample ID: 2015.08.18 SB-4 (16-18)

Lab Sample ID: 160-13510-12

Date Collected: 08/18/15 08:39
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 76.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.6	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,1,1-Trichloroethane	ND		6.6	0.57	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,1,2,2-Tetrachloroethane	ND		6.6	0.53	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,1,2-Trichloroethane	ND		6.6	0.75	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,1-Dichloroethane	ND		6.6	0.51	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,1-Dichloroethene	ND		6.6	2.1	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,2-Dibromo-3-Chloropropane	ND		13	1.9	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,2-Dichloroethane	ND		6.6	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,2-Dichloropropane	ND		6.6	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
1,3-Dichloropropene, Total	ND		13	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
2-Butanone (MEK)	ND		26	2.5	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
4-Methyl-2-pentanone (MIBK)	ND		26	0.96	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Acetone	ND		26	8.5	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Benzene	ND		6.6	0.33	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Bromodichloromethane	ND		6.6	0.33	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Bromoform	ND		6.6	0.49	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Bromomethane	ND		13	1.4	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Carbon disulfide	ND		6.6	0.91	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Carbon tetrachloride	ND		6.6	0.67	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Chlorobenzene	ND		6.6	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Chlorodibromomethane	ND		6.6	0.54	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Chloroethane	ND		13	0.68	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Chloroform	ND		6.6	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Chloromethane	ND		13	0.86	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
cis-1,2-Dichloroethene	ND		6.6	0.79	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Ethylbenzene	ND		6.6	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1

Client Sample ID: 2015.08.18 SB-4 (16-18)

Date Collected: 08/18/15 08:39
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-12

Matrix: Solid
Percent Solids: 76.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		6.6	0.90	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Isobutyl alcohol	ND		260	33	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Methyl tert-butyl ether	ND		6.6	0.63	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Methylene Chloride	ND		6.6	2.1	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Styrene	ND		6.6	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Tetrachloroethene	ND		6.6	0.42	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Toluene	ND		6.6	0.92	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
trans-1,2-Dichloroethene	ND		6.6	1.2	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Trichloroethene	ND		6.6	0.51	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Trichlorofluoromethane	ND		6.6	0.66	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Vinyl chloride	ND		6.6	0.57	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 127*	*08/29/15 14:55*	*08/30/15 01:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/29/15 14:55*	*08/30/15 01:34*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 126*	*08/29/15 14:55*	*08/30/15 01:34*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/29/15 14:55*	*08/30/15 01:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,2,4,5-Tetrachlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,2,4-Trichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,2-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,3-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,3-Dinitrobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
1,4-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,3,4,6-Tetrachlorophenol	ND		2100	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4,5-Trichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4,6-Trichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4-Dichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4-Dimethylphenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4-Dinitrophenol	ND	*	2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,4-Dinitrotoluene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2,6-Dinitrotoluene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2-Chloronaphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2-Chlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2-Methylnaphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
2-Nitroaniline	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
3,3'-Dichlorobenzidine	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
3-Nitroaniline	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
4-Nitroaniline	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
4-Nitrophenol	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Acenaphthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Acenaphthylene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Aniline	ND		430	78	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Benzo[a]anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Benzo[a]pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.18 SB-4 (16-18)

Date Collected: 08/18/15 08:39
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-12

Matrix: Solid
Percent Solids: 76.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Benzo[k]fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
bis (2-chloroisopropyl) ether	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Bis(2-chloroethyl)ether	ND		430	44	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Bis(2-ethylhexyl) phthalate	ND		430	59	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Butyl benzyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Chrysene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Dibenz(a,h)anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Dibenzofuran	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Diethyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Dimethyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Di-n-butyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Di-n-octyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Diphenylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Fluorene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Hexachlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Hexachlorobutadiene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Hexachlorocyclopentadiene	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Hexachloroethane	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Indeno[1,2,3-cd]pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Isophorone	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Naphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Nitrobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
N-Nitrosodi-n-propylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Pentachlorophenol	ND		860	430	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Phenanthrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Phenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
Pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1
N-Nitrosodiphenylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*56 - 97*	*08/31/15 15:37*	*09/11/15 19:27*	*1*
2-Fluorophenol (Surr)	*84*		*53 - 97*	*08/31/15 15:37*	*09/11/15 19:27*	*1*
Nitrobenzene-d5 (Surr)	*82*		*55 - 98*	*08/31/15 15:37*	*09/11/15 19:27*	*1*
Phenol-d5 (Surr)	*80*		*54 - 101*	*08/31/15 15:37*	*09/11/15 19:27*	*1*
Terphenyl-d14 (Surr)	*67*		*58 - 123*	*08/31/15 15:37*	*09/11/15 19:27*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*46 - 111*	*08/31/15 15:37*	*09/11/15 19:27*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
2,4,6-Trinitrotoluene	ND		250	35	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
2,4-Dinitrotoluene	ND		250	37	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
2,6-Dinitrotoluene	ND		250	63	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 17:19	1

Client Sample ID: 2015.08.18 SB-4 (16-18)

Lab Sample ID: 160-13510-12

Date Collected: 08/18/15 08:39
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 76.0

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
HMX	ND		250	39	ug/Kg		08/24/15 08:45	08/30/15 17:19	1
Tetryl	ND		250	46	ug/Kg		08/24/15 08:45	08/30/15 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*107*		*79 - 120*	*08/24/15 08:45*	*08/30/15 17:19*	*1*

Client Sample ID: 2015.08.18 SB-4 (28-30)

Lab Sample ID: 160-13510-13

Date Collected: 08/18/15 09:03
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 80.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.8	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,1,1-Trichloroethane	ND		5.8	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,1,2-Trichloroethane	ND		5.8	0.66	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,1-Dichloroethane	ND		5.8	0.45	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,1-Dichloroethene	ND		5.8	1.9	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,2-Dibromo-3-Chloropropane	ND		12	1.7	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,2-Dichloroethane	ND		5.8	1.0	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,2-Dichloropropane	ND		5.8	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
1,3-Dichloropropene, Total	ND		12	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
2-Butanone (MEK)	ND		23	2.2	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
4-Methyl-2-pentanone (MIBK)	ND		23	0.84	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Acetone	ND		23	7.5	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Benzene	ND		5.8	0.29	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Bromodichloromethane	ND		5.8	0.29	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Bromoform	ND		5.8	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Bromomethane	ND		12	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Carbon disulfide	ND		5.8	0.80	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Carbon tetrachloride	ND		5.8	0.59	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Chlorobenzene	ND		5.8	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Chlorodibromomethane	ND		5.8	0.47	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Chloroethane	ND		12	0.60	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Chloroform	ND		5.8	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Chloromethane	ND		12	0.75	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
cis-1,2-Dichloroethene	ND		5.8	0.69	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Ethylbenzene	ND		5.8	0.35	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Hexachlorobutadiene	ND		5.8	0.78	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Isobutyl alcohol	ND		230	29	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Methyl tert-butyl ether	ND		5.8	0.55	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Methylene Chloride	ND		5.8	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Styrene	ND		5.8	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Tetrachloroethene	ND		5.8	0.37	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Toluene	ND		5.8	0.81	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1

Client Sample ID: 2015.08.18 SB-4 (28-30)

Date Collected: 08/18/15 09:03
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-13

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.8	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Trichloroethene	ND		5.8	0.45	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Trichlorofluoromethane	ND		5.8	0.58	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Vinyl chloride	ND		5.8	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1
Xylenes, Total	ND		12	0.98	ug/Kg	☼	08/29/15 14:55	08/30/15 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 127*	*08/29/15 14:55*	*08/30/15 02:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/29/15 14:55*	*08/30/15 02:00*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 126*	*08/29/15 14:55*	*08/30/15 02:00*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/29/15 14:55*	*08/30/15 02:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,2,4,5-Tetrachlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,2,4-Trichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,2-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,3-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,3-Dinitrobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
1,4-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,3,4,6-Tetrachlorophenol	ND		2000	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4,5-Trichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4,6-Trichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4-Dichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4-Dimethylphenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4-Dinitrophenol	ND	*	2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,4-Dinitrotoluene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2,6-Dinitrotoluene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2-Chloronaphthalene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2-Chlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2-Methylnaphthalene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
2-Nitroaniline	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
3,3'-Dichlorobenzidine	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
3-Nitroaniline	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
4-Nitroaniline	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
4-Nitrophenol	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Acenaphthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Acenaphthylene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Aniline	ND		410	74	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Anthracene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Benzo[a]anthracene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Benzo[a]pyrene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Benzo[b]fluoranthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Benzo[k]fluoranthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
bis (2-chloroisopropyl) ether	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Bis(2-chloroethyl)ether	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Bis(2-ethylhexyl) phthalate	ND		410	56	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Butyl benzyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1
Chrysene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 20:00	1

Client Sample ID: 2015.08.18 SB-5 (0-2)

Date Collected: 08/18/15 09:55
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-14

Matrix: Solid
Percent Solids: 92.2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		70 - 126	08/29/15 14:55	08/30/15 02:26	1
Toluene-d8 (Surr)	102		80 - 120	08/29/15 14:55	08/30/15 02:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,2,4,5-Tetrachlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,2,4-Trichlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,2-Dichlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,3-Dichlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,3-Dinitrobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
1,4-Dichlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,3,4,6-Tetrachlorophenol	ND		1700	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4,6-Trichlorophenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4-Dichlorophenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4-Dimethylphenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4-Dinitrophenol	ND	*	1700	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,4-Dinitrotoluene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2,6-Dinitrotoluene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2-Chloronaphthalene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2-Chlorophenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2-Methylnaphthalene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
2-Nitroaniline	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
3,3'-Dichlorobenzidine	ND		1700	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
3-Nitroaniline	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
4-Nitroaniline	ND		1700	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
4-Nitrophenol	ND		1700	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Acenaphthene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Acenaphthylene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Aniline	ND		360	65	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Anthracene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Benzo[a]anthracene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Benzo[a]pyrene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Benzo[b]fluoranthene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Benzo[k]fluoranthene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
bis (2-chloroisopropyl) ether	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Bis(2-chloroethyl)ether	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Bis(2-ethylhexyl) phthalate	ND		360	49	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Butyl benzyl phthalate	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Chrysene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Dibenz(a,h)anthracene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Dibenzofuran	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Diethyl phthalate	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Dimethyl phthalate	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Di-n-butyl phthalate	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Di-n-octyl phthalate	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Diphenylamine	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Fluoranthene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1

Client Sample ID: 2015.08.18 SB-5 (0-2)

Date Collected: 08/18/15 09:55
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-14
Matrix: Solid
Percent Solids: 92.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Fluorene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Hexachlorobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Hexachlorobutadiene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Hexachlorocyclopentadiene	ND		1700	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Hexachloroethane	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Indeno[1,2,3-cd]pyrene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Isophorone	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Naphthalene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Nitrobenzene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
N-Nitrosodi-n-propylamine	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Pentachlorophenol	ND		710	360	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Phenanthrene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Phenol	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
Pyrene	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1
N-Nitrosodiphenylamine	ND		360	36	ug/Kg	☼	08/31/15 15:37	09/11/15 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil F*
2-Fluorobiphenyl (Surr)	*73*		*56 - 97*	*08/31/15 15:37*	*09/11/15 20:33*	1
2-Fluorophenol (Surr)	*75*		*53 - 97*	*08/31/15 15:37*	*09/11/15 20:33*	1
Nitrobenzene-d5 (Surr)	*70*		*55 - 98*	*08/31/15 15:37*	*09/11/15 20:33*	1
Phenol-d5 (Surr)	*69*		*54 - 101*	*08/31/15 15:37*	*09/11/15 20:33*	1
Terphenyl-d14 (Surr)	*59*		*58 - 123*	*08/31/15 15:37*	*09/11/15 20:33*	1
2,4,6-Tribromophenol (Surr)	*55*		*46 - 111*	*08/31/15 15:37*	*09/11/15 20:33*	1

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
2,4,6-Trinitrotoluene	ND		250	36	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
2,4-Dinitrotoluene	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
2,6-Dinitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
3-Nitrotoluene	ND		250	56	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
HMX	ND		250	39	ug/Kg		08/24/15 08:45	08/30/15 18:06	1
Tetryl	ND		250	46	ug/Kg		08/24/15 08:45	08/30/15 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*111*		*79 - 120*	*08/24/15 08:45*	*08/30/15 18:06*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.18 SB-5 (16-18)

Date Collected: 08/18/15 10:24
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-15

Matrix: Solid
Percent Solids: 80.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.7	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,1,1-Trichloroethane	ND		5.7	0.49	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,1,2-Trichloroethane	ND		5.7	0.65	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,1-Dichloroethane	ND		5.7	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,1-Dichloroethene	ND		5.7	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,2-Dibromo-3-Chloropropane	ND		11	1.7	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,2-Dichloroethane	ND		5.7	0.99	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,2-Dichloropropane	ND		5.7	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
1,3-Dichloropropene, Total	ND		11	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
2-Butanone (MEK)	ND		23	2.2	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
4-Methyl-2-pentanone (MIBK)	ND		23	0.83	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Acetone	ND		23	7.4	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Benzene	ND		5.7	0.28	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Bromodichloromethane	ND		5.7	0.28	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Bromoform	ND		5.7	0.42	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Bromomethane	ND		11	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Carbon disulfide	ND		5.7	0.79	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Carbon tetrachloride	ND		5.7	0.58	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Chlorobenzene	ND		5.7	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Chlorodibromomethane	ND		5.7	0.47	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Chloroethane	ND		11	0.59	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Chloroform	ND		5.7	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Chloromethane	ND		11	0.74	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
cis-1,2-Dichloroethene	ND		5.7	0.68	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Ethylbenzene	ND		5.7	0.34	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Hexachlorobutadiene	ND		5.7	0.78	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Isobutyl alcohol	ND		230	29	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Methyl tert-butyl ether	ND		5.7	0.55	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Methylene Chloride	ND		5.7	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Styrene	ND		5.7	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Tetrachloroethene	ND		5.7	0.36	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Toluene	ND		5.7	0.80	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
trans-1,2-Dichloroethene	ND		5.7	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Trichloroethene	ND		5.7	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Trichlorofluoromethane	ND		5.7	0.57	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Vinyl chloride	ND		5.7	0.49	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1
Xylenes, Total	ND		11	0.97	ug/Kg	☼	08/29/15 14:55	08/30/15 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 127*	*08/29/15 14:55*	*08/30/15 02:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*63 - 150*	*08/29/15 14:55*	*08/30/15 02:51*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 126*	*08/29/15 14:55*	*08/30/15 02:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/29/15 14:55*	*08/30/15 02:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
1,2,4,5-Tetrachlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
1,2,4-Trichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1

Client Sample ID: 2015.08.18 SB-5 (16-18)

Date Collected: 08/18/15 10:24
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-15

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
1,3-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
1,3-Dinitrobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
1,4-Dichlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,3,4,6-Tetrachlorophenol	ND		2000	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4,5-Trichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4,6-Trichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4-Dichlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4-Dimethylphenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4-Dinitrophenol	ND	*	2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,4-Dinitrotoluene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2,6-Dinitrotoluene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2-Chloronaphthalene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2-Chlorophenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2-Methylnaphthalene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
2-Nitroaniline	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
3,3'-Dichlorobenzidine	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
3-Nitroaniline	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
4-Nitroaniline	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
4-Nitrophenol	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Acenaphthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Acenaphthylene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Aniline	ND		410	74	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Anthracene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Benzo[a]anthracene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Benzo[a]pyrene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Benzo[b]fluoranthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Benzo[k]fluoranthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
bis (2-chloroisopropyl) ether	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Bis(2-chloroethyl)ether	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Bis(2-ethylhexyl) phthalate	ND		410	56	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Butyl benzyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Chrysene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Dibenz(a,h)anthracene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Dibenzofuran	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Diethyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Dimethyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Di-n-butyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Di-n-octyl phthalate	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Diphenylamine	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Fluoranthene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Fluorene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Hexachlorobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Hexachlorobutadiene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Hexachlorocyclopentadiene	ND		2000	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Hexachloroethane	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Indeno[1,2,3-cd]pyrene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Isophorone	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Naphthalene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1

Client Sample ID: 2015.08.18 SB-5 (16-18)

Lab Sample ID: 160-13510-15

Date Collected: 08/18/15 10:24
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
N-Nitrosodi-n-propylamine	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Pentachlorophenol	ND		810	410	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Phenanthrene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Phenol	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
Pyrene	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1
N-Nitrosodiphenylamine	ND		410	41	ug/Kg	☼	08/31/15 15:37	09/11/15 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*56 - 97*	*08/31/15 15:37*	*09/11/15 21:05*	*1*
2-Fluorophenol (Surr)	*80*		*53 - 97*	*08/31/15 15:37*	*09/11/15 21:05*	*1*
Nitrobenzene-d5 (Surr)	*75*		*55 - 98*	*08/31/15 15:37*	*09/11/15 21:05*	*1*
Phenol-d5 (Surr)	*75*		*54 - 101*	*08/31/15 15:37*	*09/11/15 21:05*	*1*
Terphenyl-d14 (Surr)	*66*		*58 - 123*	*08/31/15 15:37*	*09/11/15 21:05*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*46 - 111*	*08/31/15 15:37*	*09/11/15 21:05*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
2,4,6-Trinitrotoluene	ND		250	35	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
2,4-Dinitrotoluene	ND		250	37	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
2,6-Dinitrotoluene	ND		250	63	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
2-Amino-4,6-dinitrotoluene	ND		250	42	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
4-Amino-2,6-dinitrotoluene	ND		250	92	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
2-Nitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
4-Nitrotoluene	ND		250	80	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
HMX	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 18:29	1
Tetryl	ND		250	45	ug/Kg		08/24/15 08:45	08/30/15 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*106*		*79 - 120*	*08/24/15 08:45*	*08/30/15 18:29*	*1*

Client Sample ID: 2015.08.18 SB-5 (28-30)

Lab Sample ID: 160-13510-16

Date Collected: 08/18/15 10:50
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 76.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.6	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,1,1-Trichloroethane	ND		5.6	0.49	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.45	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,1,2-Trichloroethane	ND		5.6	0.64	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,1-Dichloroethane	ND		5.6	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,1-Dichloroethene	ND		5.6	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1

Client Sample ID: 2015.08.18 SB-5 (28-30)

Date Collected: 08/18/15 10:50
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-16

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		11	1.6	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,2-Dichloroethane	ND		5.6	0.98	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,2-Dichloropropane	ND		5.6	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
1,3-Dichloropropene, Total	ND		11	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
2-Butanone (MEK)	ND		23	2.2	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		23	0.82	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Acetone	ND		23	7.3	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Benzene	ND		5.6	0.28	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Bromodichloromethane	ND		5.6	0.28	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Bromoform	ND		5.6	0.42	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Carbon disulfide	ND		5.6	0.78	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Carbon tetrachloride	ND		5.6	0.58	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Chlorobenzene	ND		5.6	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Chlorodibromomethane	ND		5.6	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Chloroethane	ND		11	0.59	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Chloroform	ND		5.6	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Chloromethane	ND		11	0.73	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
cis-1,2-Dichloroethene	ND		5.6	0.68	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Ethylbenzene	ND		5.6	0.34	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Hexachlorobutadiene	ND		5.6	0.77	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Isobutyl alcohol	ND		230	29	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Methyl tert-butyl ether	ND		5.6	0.54	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Methylene Chloride	ND		5.6	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Styrene	ND		5.6	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Tetrachloroethene	ND		5.6	0.36	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Toluene	ND		5.6	0.79	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
trans-1,2-Dichloroethene	ND		5.6	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Trichloroethene	ND		5.6	0.44	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Trichlorofluoromethane	ND		5.6	0.56	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Vinyl chloride	ND		5.6	0.49	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1
Xylenes, Total	ND		11	0.96	ug/Kg	☼	08/29/15 14:55	08/30/15 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 127*	*08/29/15 14:55*	*08/30/15 03:17*	*1*
4-Bromofluorobenzene (Surr)	*96*		*63 - 150*	*08/29/15 14:55*	*08/30/15 03:17*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 126*	*08/29/15 14:55*	*08/30/15 03:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/29/15 14:55*	*08/30/15 03:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,2,4,5-Tetrachlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,2,4-Trichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,2-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,3-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,3-Dinitrobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
1,4-Dichlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,3,4,6-Tetrachlorophenol	ND		2100	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,4,5-Trichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.18 SB-5 (28-30)

Date Collected: 08/18/15 10:50
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-16

Matrix: Solid
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,4-Dichlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,4-Dimethylphenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,4-Dinitrophenol	ND	*	2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,4-Dinitrotoluene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2,6-Dinitrotoluene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2-Chloronaphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2-Chlorophenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2-Methylnaphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
2-Nitroaniline	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
3,3'-Dichlorobenzidine	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
3-Nitroaniline	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
4-Nitroaniline	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
4-Nitrophenol	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Acenaphthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Acenaphthylene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Aniline	ND		430	78	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Benzo[a]anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Benzo[a]pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Benzo[b]fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Benzo[k]fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
bis (2-chloroisopropyl) ether	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Bis(2-chloroethyl)ether	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Bis(2-ethylhexyl) phthalate	ND		430	59	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Butyl benzyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Chrysene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Dibenz(a,h)anthracene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Dibenzofuran	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Diethyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Dimethyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Di-n-butyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Di-n-octyl phthalate	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Diphenylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Fluoranthene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Fluorene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Hexachlorobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Hexachlorobutadiene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Hexachlorocyclopentadiene	ND		2100	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Hexachloroethane	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Indeno[1,2,3-cd]pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Isophorone	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Naphthalene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Nitrobenzene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
N-Nitrosodi-n-propylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Pentachlorophenol	ND		860	430	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Phenanthrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Phenol	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1
Pyrene	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1

Client Sample ID: 2015.08.18 SB-5 (28-30)

Lab Sample ID: 160-13510-16
Date Collected: 08/18/15 10:50
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 76.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		430	43	ug/Kg	☼	08/31/15 15:37	09/11/15 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*56 - 97*	*08/31/15 15:37*	*09/11/15 21:38*	*1*
2-Fluorophenol (Surr)	*85*		*53 - 97*	*08/31/15 15:37*	*09/11/15 21:38*	*1*
Nitrobenzene-d5 (Surr)	*81*		*55 - 98*	*08/31/15 15:37*	*09/11/15 21:38*	*1*
Phenol-d5 (Surr)	*79*		*54 - 101*	*08/31/15 15:37*	*09/11/15 21:38*	*1*
Terphenyl-d14 (Surr)	*67*		*58 - 123*	*08/31/15 15:37*	*09/11/15 21:38*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*46 - 111*	*08/31/15 15:37*	*09/11/15 21:38*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		230	25	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
1,3-Dinitrobenzene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
2,4,6-Trinitrotoluene	ND		230	33	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
2,4-Dinitrotoluene	ND		230	35	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
2,6-Dinitrotoluene	ND		230	59	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
2-Amino-4,6-dinitrotoluene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
4-Amino-2,6-dinitrotoluene	ND		230	86	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
3-Nitrotoluene	ND		230	51	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
Nitrobenzene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
Nitroglycerin	ND		1200	250	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
2-Nitrotoluene	ND		230	60	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
4-Nitrotoluene	ND		230	75	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
PETN	ND		2300	320	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
RDX	ND		230	58	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
HMX	ND		230	36	ug/Kg		08/24/15 08:45	08/30/15 19:15	1
Tetryl	ND		230	43	ug/Kg		08/24/15 08:45	08/30/15 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*105*		*79 - 120*	*08/24/15 08:45*	*08/30/15 19:15*	*1*

Client Sample ID: 2015.08.18 SB DUP #2

Lab Sample ID: 160-13510-17
Date Collected: 08/18/15 00:00
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 74.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		6.7	0.47	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,1,1-Trichloroethane	ND		6.7	0.58	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,1,2,2-Tetrachloroethane	ND		6.7	0.54	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,1,2-Trichloroethane	ND		6.7	0.77	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,1-Dichloroethane	ND		6.7	0.53	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,1-Dichloroethene	ND		6.7	2.2	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,2-Dibromo-3-Chloropropane	ND		13	2.0	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,2-Dichloroethane	ND		6.7	1.2	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,2-Dichloropropane	ND		6.7	0.51	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
1,3-Dichloropropene, Total	ND		13	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
2-Butanone (MEK)	ND		27	2.6	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
4-Methyl-2-pentanone (MIBK)	ND		27	0.98	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1

Client Sample ID: 2015.08.18 SB DUP #2

Date Collected: 08/18/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-17

Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	8.7	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Benzene	ND		6.7	0.34	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Bromodichloromethane	ND		6.7	0.34	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Bromoform	ND		6.7	0.50	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Bromomethane	ND		13	1.5	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Carbon disulfide	ND		6.7	0.93	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Carbon tetrachloride	ND		6.7	0.69	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Chlorobenzene	ND		6.7	0.51	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Chlorodibromomethane	ND		6.7	0.55	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Chloroethane	ND		13	0.70	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Chloroform	ND		6.7	0.51	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Chloromethane	ND		13	0.88	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
cis-1,2-Dichloroethene	ND		6.7	0.81	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Ethylbenzene	ND		6.7	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Hexachlorobutadiene	ND		6.7	0.92	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Isobutyl alcohol	ND		270	34	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Methyl tert-butyl ether	ND		6.7	0.65	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Methylene Chloride	ND		6.7	2.1	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Styrene	ND		6.7	0.47	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Tetrachloroethene	ND		6.7	0.43	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Toluene	ND		6.7	0.94	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
trans-1,2-Dichloroethene	ND		6.7	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Trichloroethene	ND		6.7	0.53	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Trichlorofluoromethane	ND		6.7	0.67	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Vinyl chloride	ND		6.7	0.58	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	08/29/15 14:55	08/30/15 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 127*	*08/29/15 14:55*	*08/30/15 03:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*63 - 150*	*08/29/15 14:55*	*08/30/15 03:42*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 126*	*08/29/15 14:55*	*08/30/15 03:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/29/15 14:55*	*08/30/15 03:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,2,4,5-Tetrachlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,2,4-Trichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,2-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,3-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,3-Dinitrobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
1,4-Dichlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,3,4,6-Tetrachlorophenol	ND		2100	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4,5-Trichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4,6-Trichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4-Dichlorophenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4-Dimethylphenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4-Dinitrophenol	ND	*	2100	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,4-Dinitrotoluene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2,6-Dinitrotoluene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 2015.08.18 SB DUP #2

Date Collected: 08/18/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-17

Matrix: Solid
Percent Solids: 74.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2-Chlorophenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2-Methylnaphthalene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
2-Nitroaniline	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
3,3'-Dichlorobenzidine	ND		2100	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
3-Nitroaniline	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
4-Nitroaniline	ND		2100	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
4-Nitrophenol	ND		2100	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Acenaphthene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Acenaphthylene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Aniline	ND		440	80	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Anthracene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Benzo[a]anthracene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Benzo[a]pyrene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Benzo[b]fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Benzo[k]fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
bis (2-chloroisopropyl) ether	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Bis(2-chloroethyl)ether	ND		440	45	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Bis(2-ethylhexyl) phthalate	ND		440	60	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Butyl benzyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Chrysene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Dibenz(a,h)anthracene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Dibenzofuran	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Diethyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Dimethyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Di-n-butyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Di-n-octyl phthalate	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Diphenylamine	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Fluoranthene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Fluorene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Hexachlorobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Hexachlorobutadiene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Hexachlorocyclopentadiene	ND		2100	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Hexachloroethane	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Indeno[1,2,3-cd]pyrene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Isophorone	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Naphthalene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Nitrobenzene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
N-Nitrosodi-n-propylamine	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Pentachlorophenol	ND		880	440	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Phenanthrene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Phenol	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
Pyrene	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1
N-Nitrosodiphenylamine	ND		440	44	ug/Kg	☼	08/31/15 15:37	09/11/15 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*56 - 97*	*08/31/15 15:37*	*09/11/15 22:11*	*1*
2-Fluorophenol (Surr)	*82*		*53 - 97*	*08/31/15 15:37*	*09/11/15 22:11*	*1*
Nitrobenzene-d5 (Surr)	*78*		*55 - 98*	*08/31/15 15:37*	*09/11/15 22:11*	*1*
Phenol-d5 (Surr)	*78*		*54 - 101*	*08/31/15 15:37*	*09/11/15 22:11*	*1*

Client Sample ID: 2015.08.18 SB DUP #2

Lab Sample ID: 160-13510-17

Date Collected: 08/18/15 00:00
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 74.4

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*58 - 123*	*08/31/15 15:37*	*09/11/15 22:11*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*46 - 111*	*08/31/15 15:37*	*09/11/15 22:11*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	26	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
1,3-Dinitrobenzene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
2,4,6-Trinitrotoluene	ND		240	34	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
2,4-Dinitrotoluene	ND		240	35	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
2,6-Dinitrotoluene	ND		240	60	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
2-Amino-4,6-dinitrotoluene	ND		240	40	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
4-Amino-2,6-dinitrotoluene	ND		240	88	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
3-Nitrotoluene	ND		240	52	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
Nitrobenzene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
Nitroglycerin	ND		1200	250	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
2-Nitrotoluene	ND		240	61	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
4-Nitrotoluene	ND		240	77	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
PETN	ND		2400	320	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
RDX	ND		240	59	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
HMX	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 19:38	1
Tetryl	ND		240	43	ug/Kg		08/24/15 08:45	08/30/15 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*105*		*79 - 120*	*08/24/15 08:45*	*08/30/15 19:38*	*1*

Client Sample ID: 2015.08.18 SB-6 (0-2)

Lab Sample ID: 160-13510-18

Date Collected: 08/18/15 11:45
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 94.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.6	0.32	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,1,1-Trichloroethane	ND		4.6	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.37	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,1,2-Trichloroethane	ND		4.6	0.53	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,1-Dichloroethane	ND		4.6	0.36	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,1-Dichloroethene	ND		4.6	1.5	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,2-Dibromo-3-Chloropropane	ND		9.3	1.3	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,2-Dichloroethane	ND		4.6	0.81	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,2-Dichloropropane	ND		4.6	0.35	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
1,3-Dichloropropene, Total	ND		9.3	0.88	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
2-Butanone (MEK)	ND		19	1.8	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
4-Methyl-2-pentanone (MIBK)	ND		19	0.68	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Acetone	**13**	**J F1 F2**	19	6.0	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Benzene	ND		4.6	0.23	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Bromodichloromethane	ND		4.6	0.23	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Bromoform	ND		4.6	0.34	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Bromomethane	ND		9.3	1.0	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Carbon disulfide	ND		4.6	0.64	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Carbon tetrachloride	ND		4.6	0.47	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1

Client Sample ID: 2015.08.18 SB-6 (0-2)

Date Collected: 08/18/15 11:45
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-18

Matrix: Solid
Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.6	0.35	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Chlorodibromomethane	ND		4.6	0.38	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Chloroethane	ND	F1	9.3	0.48	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Chloroform	ND		4.6	0.35	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Chloromethane	ND		9.3	0.60	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
cis-1,2-Dichloroethene	ND		4.6	0.56	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Ethylbenzene	ND		4.6	0.28	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Hexachlorobutadiene	ND		4.6	0.63	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Isobutyl alcohol	ND		190	24	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Methyl tert-butyl ether	ND		4.6	0.45	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Methylene Chloride	ND		4.6	1.5	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Styrene	ND		4.6	0.32	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Tetrachloroethene	ND		4.6	0.30	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Toluene	ND		4.6	0.65	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
trans-1,2-Dichloroethene	ND		4.6	0.87	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Trichloroethene	ND		4.6	0.36	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Trichlorofluoromethane	ND		4.6	0.46	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Vinyl chloride	ND		4.6	0.40	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1
Xylenes, Total	ND		9.3	0.79	ug/Kg	☼	08/29/15 14:55	08/30/15 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 127*	*08/29/15 14:55*	*08/30/15 05:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*63 - 150*	*08/29/15 14:55*	*08/30/15 05:25*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 126*	*08/29/15 14:55*	*08/30/15 05:25*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/29/15 14:55*	*08/30/15 05:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,2,4,5-Tetrachlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,2,4-Trichlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,2-Dichlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,3-Dichlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,3-Dinitrobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
1,4-Dichlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,3,4,6-Tetrachlorophenol	ND		1700	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4,6-Trichlorophenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4-Dichlorophenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4-Dimethylphenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4-Dinitrophenol	ND	* F2	1700	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,4-Dinitrotoluene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2,6-Dinitrotoluene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2-Chloronaphthalene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2-Chlorophenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2-Methylnaphthalene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
2-Nitroaniline	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
3,3'-Dichlorobenzidine	ND		1700	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
3-Nitroaniline	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
4-Nitroaniline	ND		1700	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1

Client Sample ID: 2015.08.18 SB-6 (0-2)

Date Collected: 08/18/15 11:45
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-18

Matrix: Solid
Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1700	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Acenaphthene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Acenaphthylene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Aniline	ND		340	63	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Anthracene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Benzo[a]anthracene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Benzo[a]pyrene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Benzo[b]fluoranthene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Benzo[k]fluoranthene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
bis (2-chloroisopropyl) ether	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Bis(2-chloroethyl)ether	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Bis(2-ethylhexyl) phthalate	ND		340	47	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Butyl benzyl phthalate	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Chrysene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Dibenz(a,h)anthracene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Dibenzofuran	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Diethyl phthalate	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Dimethyl phthalate	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Di-n-butyl phthalate	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Di-n-octyl phthalate	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Diphenylamine	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Fluoranthene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Fluorene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Hexachlorobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Hexachlorobutadiene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Hexachlorocyclopentadiene	ND		1700	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Hexachloroethane	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Indeno[1,2,3-cd]pyrene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Isophorone	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Naphthalene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Nitrobenzene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
N-Nitrosodi-n-propylamine	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Pentachlorophenol	ND		690	340	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Phenanthrene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Phenol	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
Pyrene	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1
N-Nitrosodiphenylamine	ND		340	35	ug/Kg	☼	08/31/15 15:37	09/11/15 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*56 - 97*	*08/31/15 15:37*	*09/11/15 22:44*	*1*
2-Fluorophenol (Surr)	*87*		*53 - 97*	*08/31/15 15:37*	*09/11/15 22:44*	*1*
Nitrobenzene-d5 (Surr)	*81*		*55 - 98*	*08/31/15 15:37*	*09/11/15 22:44*	*1*
Phenol-d5 (Surr)	*81*		*54 - 101*	*08/31/15 15:37*	*09/11/15 22:44*	*1*
Terphenyl-d14 (Surr)	*69*		*58 - 123*	*08/31/15 15:37*	*09/11/15 22:44*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*46 - 111*	*08/31/15 15:37*	*09/11/15 22:44*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 20:01	1

Client Sample ID: 2015.08.18 SB-6 (0-2)

Lab Sample ID: 160-13510-18
Date Collected: 08/18/15 11:45
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 94.6

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	ND		250	36	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
2,4-Dinitrotoluene	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
2,6-Dinitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
3-Nitrotoluene	ND		250	56	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
HMX	ND		250	39	ug/Kg		08/24/15 08:45	08/30/15 20:01	1
Tetryl	ND	F1	250	46	ug/Kg		08/24/15 08:45	08/30/15 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*106*		*79 - 120*	*08/24/15 08:45*	*08/30/15 20:01*	*1*

Client Sample ID: 2015.08.18 SB-6 (20-22)

Lab Sample ID: 160-13510-19
Date Collected: 08/18/15 12:22
Matrix: Solid
Date Received: 08/22/15 08:20
Percent Solids: 83.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.6	0.39	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,1,1-Trichloroethane	ND		5.6	0.48	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.44	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,1,2-Trichloroethane	ND		5.6	0.63	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,1-Dichloroethane	ND		5.6	0.43	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,1-Dichloroethene	ND		5.6	1.8	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,2-Dibromo-3-Chloropropane	ND		11	1.6	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,2-Dichloroethane	ND		5.6	0.97	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,2-Dichloropropane	ND		5.6	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
1,3-Dichloropropene, Total	ND		11	1.1	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
2-Butanone (MEK)	ND		22	2.1	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
4-Methyl-2-pentanone (MIBK)	ND		22	0.81	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Acetone	ND		22	7.2	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Benzene	ND		5.6	0.28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Bromodichloromethane	ND		5.6	0.28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Bromoform	ND		5.6	0.41	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Carbon disulfide	ND		5.6	0.77	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Carbon tetrachloride	ND		5.6	0.57	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Chlorobenzene	ND		5.6	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Chlorodibromomethane	ND		5.6	0.46	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Chloroethane	ND		11	0.58	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Chloroform	ND		5.6	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Chloromethane	ND		11	0.72	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
cis-1,2-Dichloroethene	ND		5.6	0.67	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Ethylbenzene	ND		5.6	0.33	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1

Client Sample ID: 2015.08.18 SB-6 (20-22)

Date Collected: 08/18/15 12:22
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-19

Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		5.6	0.76	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Isobutyl alcohol	ND		220	28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Methyl tert-butyl ether	ND		5.6	0.53	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Methylene Chloride	ND		5.6	1.8	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Styrene	ND		5.6	0.39	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Tetrachloroethene	ND		5.6	0.36	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Toluene	ND		5.6	0.78	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
trans-1,2-Dichloroethene	ND		5.6	1.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Trichloroethene	ND		5.6	0.43	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Trichlorofluoromethane	ND		5.6	0.56	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Vinyl chloride	ND		5.6	0.48	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	08/29/15 21:50	08/30/15 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 127*	*08/29/15 21:50*	*08/30/15 04:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/29/15 21:50*	*08/30/15 04:08*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 126*	*08/29/15 21:50*	*08/30/15 04:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/29/15 21:50*	*08/30/15 04:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,2,4,5-Tetrachlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,2,4-Trichlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,2-Dichlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,3-Dichlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,3-Dinitrobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
1,4-Dichlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,3,4,6-Tetrachlorophenol	ND		1900	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4-Dichlorophenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4-Dimethylphenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4-Dinitrophenol	ND	*	1900	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,4-Dinitrotoluene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2,6-Dinitrotoluene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2-Chloronaphthalene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2-Methylnaphthalene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
2-Nitroaniline	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
3,3'-Dichlorobenzidine	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
3-Nitroaniline	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
4-Nitroaniline	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
4-Nitrophenol	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Acenaphthene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Acenaphthylene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Aniline	ND		390	71	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Anthracene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Benzo[a]anthracene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Benzo[a]pyrene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1

Client Sample ID: 2015.08.18 SB-6 (20-22)

Date Collected: 08/18/15 12:22
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-19

Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Benzo[k]fluoranthene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
bis (2-chloroisopropyl) ether	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Bis(2-chloroethyl)ether	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Bis(2-ethylhexyl) phthalate	ND		390	54	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Butyl benzyl phthalate	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Chrysene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Dibenz(a,h)anthracene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Dibenzofuran	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Diethyl phthalate	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Dimethyl phthalate	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Di-n-butyl phthalate	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Di-n-octyl phthalate	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Diphenylamine	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Fluoranthene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Fluorene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Hexachlorobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Hexachlorobutadiene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Hexachlorocyclopentadiene	ND		1900	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Hexachloroethane	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Indeno[1,2,3-cd]pyrene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Isophorone	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Naphthalene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Nitrobenzene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
N-Nitrosodi-n-propylamine	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Pentachlorophenol	ND		790	390	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Phenanthrene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Phenol	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
Pyrene	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1
N-Nitrosodiphenylamine	ND		390	40	ug/Kg	☼	08/31/15 15:37	09/12/15 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*56 - 97*	*08/31/15 15:37*	*09/12/15 00:21*	*1*
2-Fluorophenol (Surr)	*82*		*53 - 97*	*08/31/15 15:37*	*09/12/15 00:21*	*1*
Nitrobenzene-d5 (Surr)	*79*		*55 - 98*	*08/31/15 15:37*	*09/12/15 00:21*	*1*
Phenol-d5 (Surr)	*77*		*54 - 101*	*08/31/15 15:37*	*09/12/15 00:21*	*1*
Terphenyl-d14 (Surr)	*65*		*58 - 123*	*08/31/15 15:37*	*09/12/15 00:21*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*46 - 111*	*08/31/15 15:37*	*09/12/15 00:21*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		230	25	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
1,3-Dinitrobenzene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
2,4,6-Trinitrotoluene	ND		230	33	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
2,4-Dinitrotoluene	ND		230	35	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
2,6-Dinitrotoluene	ND		230	59	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
2-Amino-4,6-dinitrotoluene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
4-Amino-2,6-dinitrotoluene	ND		230	86	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
3-Nitrotoluene	ND		230	51	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
Nitrobenzene	ND		230	40	ug/Kg		08/24/15 08:45	08/30/15 21:09	1

Client Sample ID: 2015.08.18 SB-6 (20-22)

Lab Sample ID: 160-13510-19

Date Collected: 08/18/15 12:22
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 83.2

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitroglycerin	ND		1200	250	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
2-Nitrotoluene	ND		230	60	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
4-Nitrotoluene	ND		230	75	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
PETN	ND		2300	320	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
RDX	ND		230	57	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
HMX	ND		230	36	ug/Kg		08/24/15 08:45	08/30/15 21:09	1
Tetryl	ND		230	42	ug/Kg		08/24/15 08:45	08/30/15 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*104*		*79 - 120*	*08/24/15 08:45*	*08/30/15 21:09*	*1*

Client Sample ID: 2015.08.18 SB-6 (28-30)

Lab Sample ID: 160-13510-20

Date Collected: 08/18/15 12:40
Date Received: 08/22/15 08:20

Matrix: Solid
Percent Solids: 78.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.3	0.37	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,1,1-Trichloroethane	ND		5.3	0.46	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,1,2,2-Tetrachloroethane	ND		5.3	0.43	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,1,2-Trichloroethane	ND		5.3	0.61	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,1-Dichloroethane	ND		5.3	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,1-Dichloroethene	ND		5.3	1.7	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,2-Dibromo-3-Chloropropane	ND		11	1.5	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,2-Dichloroethane	ND		5.3	0.93	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,2-Dichloropropane	ND		5.3	0.40	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
1,3-Dichloropropene, Total	ND		11	1.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
2-Butanone (MEK)	ND		21	2.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
4-Methyl-2-pentanone (MIBK)	ND		21	0.78	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Acetone	ND		21	6.9	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Benzene	ND		5.3	0.27	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Bromodichloromethane	ND		5.3	0.27	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Bromoform	ND		5.3	0.39	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Carbon disulfide	ND		5.3	0.73	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Carbon tetrachloride	ND		5.3	0.54	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Chlorobenzene	ND		5.3	0.40	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Chlorodibromomethane	ND		5.3	0.44	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Chloroethane	ND		11	0.55	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Chloroform	ND		5.3	0.40	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Chloromethane	ND		11	0.69	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
cis-1,2-Dichloroethene	ND		5.3	0.64	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Ethylbenzene	ND		5.3	0.32	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Hexachlorobutadiene	ND		5.3	0.72	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Isobutyl alcohol	ND		210	27	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Methyl tert-butyl ether	ND		5.3	0.51	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Methylene Chloride	ND		5.3	1.7	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Styrene	ND		5.3	0.37	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Tetrachloroethene	ND		5.3	0.34	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Toluene	ND		5.3	0.75	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1

Client Sample ID: 2015.08.18 SB-6 (28-30)

Date Collected: 08/18/15 12:40
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-20

Matrix: Solid
Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.3	1.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Trichloroethene	ND		5.3	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Trichlorofluoromethane	ND		5.3	0.53	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Vinyl chloride	ND		5.3	0.46	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1
Xylenes, Total	ND		11	0.91	ug/Kg	☼	08/29/15 21:50	08/30/15 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 127*	*08/29/15 21:50*	*08/30/15 04:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*63 - 150*	*08/29/15 21:50*	*08/30/15 04:33*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 126*	*08/29/15 21:50*	*08/30/15 04:33*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/29/15 21:50*	*08/30/15 04:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,2,4,5-Tetrachlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,2,4-Trichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,2-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,3-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,3-Dinitrobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
1,4-Dichlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,3,4,6-Tetrachlorophenol	ND		2000	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4,5-Trichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4,6-Trichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4-Dichlorophenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4-Dimethylphenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4-Dinitrophenol	ND	*	2000	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,4-Dinitrotoluene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2,6-Dinitrotoluene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2-Chloronaphthalene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2-Chlorophenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2-Methylnaphthalene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
2-Nitroaniline	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
3,3'-Dichlorobenzidine	ND		2000	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
3-Nitroaniline	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
4-Nitroaniline	ND		2000	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
4-Nitrophenol	ND		2000	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Acenaphthene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Acenaphthylene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Aniline	ND		420	76	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Anthracene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Benzo[a]anthracene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Benzo[a]pyrene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Benzo[b]fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Benzo[k]fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
bis (2-chloroisopropyl) ether	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Bis(2-chloroethyl)ether	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Bis(2-ethylhexyl) phthalate	ND		420	57	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Butyl benzyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Chrysene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1

Client Sample ID: 2015.08.18 SB-6 (28-30)

Date Collected: 08/18/15 12:40
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-20

Matrix: Solid
Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Dibenzofuran	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Diethyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Dimethyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Di-n-butyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Di-n-octyl phthalate	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Diphenylamine	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Fluoranthene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Fluorene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Hexachlorobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Hexachlorobutadiene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Hexachlorocyclopentadiene	ND		2000	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Hexachloroethane	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Indeno[1,2,3-cd]pyrene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Isophorone	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Naphthalene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Nitrobenzene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
N-Nitrosodi-n-propylamine	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Pentachlorophenol	ND		840	420	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Phenanthrene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Phenol	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
Pyrene	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1
N-Nitrosodiphenylamine	ND		420	42	ug/Kg	☼	08/31/15 15:37	09/12/15 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*56 - 97*	*08/31/15 15:37*	*09/12/15 00:54*	*1*
2-Fluorophenol (Surr)	*86*		*53 - 97*	*08/31/15 15:37*	*09/12/15 00:54*	*1*
Nitrobenzene-d5 (Surr)	*78*		*55 - 98*	*08/31/15 15:37*	*09/12/15 00:54*	*1*
Phenol-d5 (Surr)	*81*		*54 - 101*	*08/31/15 15:37*	*09/12/15 00:54*	*1*
Terphenyl-d14 (Surr)	*71*		*58 - 123*	*08/31/15 15:37*	*09/12/15 00:54*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*46 - 111*	*08/31/15 15:37*	*09/12/15 00:54*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		240	26	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
1,3-Dinitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
2,4,6-Trinitrotoluene	ND		240	34	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
2,4-Dinitrotoluene	ND		240	36	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
2,6-Dinitrotoluene	ND		240	61	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
2-Amino-4,6-dinitrotoluene	ND		240	41	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
4-Amino-2,6-dinitrotoluene	ND		240	90	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
3-Nitrotoluene	ND		240	53	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
Nitrobenzene	ND		240	42	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
Nitroglycerin	ND		1200	260	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
2-Nitrotoluene	ND		240	63	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
4-Nitrotoluene	ND		240	78	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
PETN	ND		2400	330	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
RDX	ND		240	60	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
HMX	ND		240	37	ug/Kg		08/24/15 08:45	08/30/15 21:32	1
Tetryl	ND		240	44	ug/Kg		08/24/15 08:45	08/30/15 21:32	1

Client Sample ID: 2015.08.18 SB-6 (28-30)

Date Collected: 08/18/15 12:40
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-20
Matrix: Solid
Percent Solids: 78.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene (Surr)	104		79 - 120	08/24/15 08:45	08/30/15 21:32	1

Client Sample ID: 2015.08.18 I3

Date Collected: 08/18/15 14:30
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-21
Matrix: Solid
Percent Solids: 94.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.5	0.39	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,1,1-Trichloroethane	ND		5.5	0.48	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.44	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,1,2-Trichloroethane	ND		5.5	0.63	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,1-Dichloroethane	ND		5.5	0.43	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,1-Dichloroethene	ND		5.5	1.8	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,2-Dibromo-3-Chloropropane	ND		11	1.6	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,2-Dichloroethane	ND		5.5	0.96	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,2-Dichloropropane	ND		5.5	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
1,3-Dichloropropene, Total	ND		11	1.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
2-Butanone (MEK)	ND		22	2.1	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		22	0.81	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Acetone	**7.9**	**J**	22	7.1	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Benzene	ND		5.5	0.28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Bromodichloromethane	ND		5.5	0.28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Bromoform	ND		5.5	0.41	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Bromomethane	ND		11	1.2	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Carbon disulfide	ND		5.5	0.76	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Carbon tetrachloride	ND		5.5	0.56	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Chlorobenzene	ND		5.5	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Chlorodibromomethane	ND		5.5	0.45	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Chloroethane	ND		11	0.57	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Chloroform	ND		5.5	0.42	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Chloromethane	ND		11	0.72	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
cis-1,2-Dichloroethene	ND		5.5	0.66	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Ethylbenzene	ND		5.5	0.33	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Hexachlorobutadiene	ND		5.5	0.75	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Isobutyl alcohol	ND		220	28	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Methyl tert-butyl ether	ND		5.5	0.53	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Methylene Chloride	ND		5.5	1.7	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Styrene	ND		5.5	0.39	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Tetrachloroethene	ND		5.5	0.35	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Toluene	ND		5.5	0.77	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
trans-1,2-Dichloroethene	ND		5.5	1.0	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Trichloroethene	ND		5.5	0.43	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Trichlorofluoromethane	ND		5.5	0.55	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Vinyl chloride	ND		5.5	0.48	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	08/29/15 21:50	08/30/15 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		72 - 127	08/29/15 21:50	08/30/15 04:59	1
4-Bromofluorobenzene (Surr)	105		63 - 150	08/29/15 21:50	08/30/15 04:59	1

Client Sample ID: 2015.08.18 I3

Date Collected: 08/18/15 14:30
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-21

Matrix: Solid
Percent Solids: 94.7

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 126*	*08/29/15 21:50*	*08/30/15 04:59*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/29/15 21:50*	*08/30/15 04:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,2,4,5-Tetrachlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,2,4-Trichlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,2-Dichlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,3-Dichlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,3-Dinitrobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
1,4-Dichlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,3,4,6-Tetrachlorophenol	ND		1700	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4,5-Trichlorophenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4,6-Trichlorophenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4-Dichlorophenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4-Dimethylphenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4-Dinitrophenol	ND	*	1700	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,4-Dinitrotoluene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2,6-Dinitrotoluene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2-Chloronaphthalene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2-Chlorophenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2-Methylnaphthalene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
2-Nitroaniline	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
3,3'-Dichlorobenzidine	ND		1700	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
3-Nitroaniline	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
4-Nitroaniline	ND		1700	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
4-Nitrophenol	ND		1700	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Acenaphthene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Acenaphthylene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Aniline	ND		350	63	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Anthracene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Benzo[a]anthracene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Benzo[a]pyrene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Benzo[b]fluoranthene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Benzo[k]fluoranthene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
bis (2-chloroisopropyl) ether	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Bis(2-chloroethyl)ether	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Bis(2-ethylhexyl) phthalate	ND		350	48	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Butyl benzyl phthalate	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Chrysene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Dibenz(a,h)anthracene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Dibenzofuran	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Diethyl phthalate	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Dimethyl phthalate	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Di-n-butyl phthalate	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Di-n-octyl phthalate	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Diphenylamine	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Fluoranthene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1

Client Sample ID: 2015.08.18 I3

Date Collected: 08/18/15 14:30
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-21

Matrix: Solid
Percent Solids: 94.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Hexachlorobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Hexachlorobutadiene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Hexachlorocyclopentadiene	ND		1700	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Hexachloroethane	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Indeno[1,2,3-cd]pyrene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Isophorone	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Naphthalene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Nitrobenzene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
N-Nitrosodi-n-propylamine	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Pentachlorophenol	ND		690	350	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Phenanthrene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Phenol	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
Pyrene	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1
N-Nitrosodiphenylamine	ND		350	35	ug/Kg	☼	08/31/15 15:37	09/12/15 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*56 - 97*	*08/31/15 15:37*	*09/12/15 01:27*	*1*
2-Fluorophenol (Surr)	*80*		*53 - 97*	*08/31/15 15:37*	*09/12/15 01:27*	*1*
Nitrobenzene-d5 (Surr)	*77*		*55 - 98*	*08/31/15 15:37*	*09/12/15 01:27*	*1*
Phenol-d5 (Surr)	*75*		*54 - 101*	*08/31/15 15:37*	*09/12/15 01:27*	*1*
Terphenyl-d14 (Surr)	*64*		*58 - 123*	*08/31/15 15:37*	*09/12/15 01:27*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*46 - 111*	*08/31/15 15:37*	*09/12/15 01:27*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
1,3-Dinitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
2,4,6-Trinitrotoluene	ND		250	36	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
2,4-Dinitrotoluene	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
2,6-Dinitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
3-Nitrotoluene	ND		250	55	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
Nitroglycerin	ND		1200	270	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
HMX	ND		250	39	ug/Kg		08/24/15 08:45	08/30/15 21:55	1
Tetryl	ND		250	46	ug/Kg		08/24/15 08:45	08/30/15 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*106*		*79 - 120*	*08/24/15 08:45*	*08/30/15 21:55*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 20150820 TRIP02-1
Date Collected: 08/20/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-22
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			08/24/15 23:59	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			08/24/15 23:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			08/24/15 23:59	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			08/24/15 23:59	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			08/24/15 23:59	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			08/24/15 23:59	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			08/24/15 23:59	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			08/24/15 23:59	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			08/24/15 23:59	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			08/24/15 23:59	1
2-Butanone (MEK)	ND		20	0.39	ug/L			08/24/15 23:59	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			08/24/15 23:59	1
Acetone	ND		20	6.7	ug/L			08/24/15 23:59	1
Benzene	ND		5.0	0.25	ug/L			08/24/15 23:59	1
Bromodichloromethane	ND		5.0	0.25	ug/L			08/24/15 23:59	1
Bromoform	ND		5.0	0.37	ug/L			08/24/15 23:59	1
Bromomethane	ND		10	0.40	ug/L			08/24/15 23:59	1
Carbon disulfide	ND		5.0	0.37	ug/L			08/24/15 23:59	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			08/24/15 23:59	1
Chlorobenzene	ND		5.0	0.38	ug/L			08/24/15 23:59	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			08/24/15 23:59	1
Chloroethane	ND		10	0.38	ug/L			08/24/15 23:59	1
Chloroform	ND		5.0	0.15	ug/L			08/24/15 23:59	1
Chloromethane	ND		10	0.55	ug/L			08/24/15 23:59	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			08/24/15 23:59	1
Ethylbenzene	ND		5.0	0.30	ug/L			08/24/15 23:59	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			08/24/15 23:59	1
Isobutyl alcohol	ND		200	7.3	ug/L			08/24/15 23:59	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			08/24/15 23:59	1
Methylene Chloride	ND		5.0	1.7	ug/L			08/24/15 23:59	1
Styrene	ND		5.0	0.35	ug/L			08/24/15 23:59	1
Tetrachloroethene	ND		5.0	0.28	ug/L			08/24/15 23:59	1
Toluene	ND		5.0	1.0	ug/L			08/24/15 23:59	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			08/24/15 23:59	1
Trichloroethene	ND		5.0	0.29	ug/L			08/24/15 23:59	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			08/24/15 23:59	1
Vinyl chloride	ND		5.0	0.43	ug/L			08/24/15 23:59	1
Xylenes, Total	ND		10	0.85	ug/L			08/24/15 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*78 - 127*		*08/24/15 23:59*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 123*		*08/24/15 23:59*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*08/24/15 23:59*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/24/15 23:59*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 20150820 TRIP02-2
Date Collected: 08/20/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-23
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			08/25/15 00:24	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			08/25/15 00:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			08/25/15 00:24	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			08/25/15 00:24	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			08/25/15 00:24	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			08/25/15 00:24	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			08/25/15 00:24	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			08/25/15 00:24	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			08/25/15 00:24	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			08/25/15 00:24	1
2-Butanone (MEK)	ND		20	0.39	ug/L			08/25/15 00:24	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			08/25/15 00:24	1
Acetone	ND		20	6.7	ug/L			08/25/15 00:24	1
Benzene	ND		5.0	0.25	ug/L			08/25/15 00:24	1
Bromodichloromethane	ND		5.0	0.25	ug/L			08/25/15 00:24	1
Bromoform	ND		5.0	0.37	ug/L			08/25/15 00:24	1
Bromomethane	ND		10	0.40	ug/L			08/25/15 00:24	1
Carbon disulfide	ND		5.0	0.37	ug/L			08/25/15 00:24	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			08/25/15 00:24	1
Chlorobenzene	ND		5.0	0.38	ug/L			08/25/15 00:24	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			08/25/15 00:24	1
Chloroethane	ND		10	0.38	ug/L			08/25/15 00:24	1
Chloroform	ND		5.0	0.15	ug/L			08/25/15 00:24	1
Chloromethane	ND		10	0.55	ug/L			08/25/15 00:24	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			08/25/15 00:24	1
Ethylbenzene	ND		5.0	0.30	ug/L			08/25/15 00:24	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			08/25/15 00:24	1
Isobutyl alcohol	ND		200	7.3	ug/L			08/25/15 00:24	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			08/25/15 00:24	1
Methylene Chloride	ND		5.0	1.7	ug/L			08/25/15 00:24	1
Styrene	ND		5.0	0.35	ug/L			08/25/15 00:24	1
Tetrachloroethene	ND		5.0	0.28	ug/L			08/25/15 00:24	1
Toluene	ND		5.0	1.0	ug/L			08/25/15 00:24	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			08/25/15 00:24	1
Trichloroethene	ND		5.0	0.29	ug/L			08/25/15 00:24	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			08/25/15 00:24	1
Vinyl chloride	ND		5.0	0.43	ug/L			08/25/15 00:24	1
Xylenes, Total	ND		10	0.85	ug/L			08/25/15 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*78 - 127*		*08/25/15 00:24*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 123*		*08/25/15 00:24*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*08/25/15 00:24*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/25/15 00:24*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 20150820 TRIP02-3

Date Collected: 08/20/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-24

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			08/25/15 00:50	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			08/25/15 00:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			08/25/15 00:50	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			08/25/15 00:50	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			08/25/15 00:50	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			08/25/15 00:50	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			08/25/15 00:50	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			08/25/15 00:50	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			08/25/15 00:50	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			08/25/15 00:50	1
2-Butanone (MEK)	ND		20	0.39	ug/L			08/25/15 00:50	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			08/25/15 00:50	1
Acetone	**11**	**J**	20	6.7	ug/L			08/25/15 00:50	1
Benzene	ND		5.0	0.25	ug/L			08/25/15 00:50	1
Bromodichloromethane	ND		5.0	0.25	ug/L			08/25/15 00:50	1
Bromoform	ND		5.0	0.37	ug/L			08/25/15 00:50	1
Bromomethane	ND		10	0.40	ug/L			08/25/15 00:50	1
Carbon disulfide	ND		5.0	0.37	ug/L			08/25/15 00:50	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			08/25/15 00:50	1
Chlorobenzene	ND		5.0	0.38	ug/L			08/25/15 00:50	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			08/25/15 00:50	1
Chloroethane	ND		10	0.38	ug/L			08/25/15 00:50	1
Chloroform	ND		5.0	0.15	ug/L			08/25/15 00:50	1
Chloromethane	ND		10	0.55	ug/L			08/25/15 00:50	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			08/25/15 00:50	1
Ethylbenzene	ND		5.0	0.30	ug/L			08/25/15 00:50	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			08/25/15 00:50	1
Isobutyl alcohol	ND		200	7.3	ug/L			08/25/15 00:50	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			08/25/15 00:50	1
Methylene Chloride	ND		5.0	1.7	ug/L			08/25/15 00:50	1
Styrene	ND		5.0	0.35	ug/L			08/25/15 00:50	1
Tetrachloroethene	ND		5.0	0.28	ug/L			08/25/15 00:50	1
Toluene	ND		5.0	1.0	ug/L			08/25/15 00:50	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			08/25/15 00:50	1
Trichloroethene	ND		5.0	0.29	ug/L			08/25/15 00:50	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			08/25/15 00:50	1
Vinyl chloride	ND		5.0	0.43	ug/L			08/25/15 00:50	1
Xylenes, Total	ND		10	0.85	ug/L			08/25/15 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*78 - 127*		*08/25/15 00:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 123*		*08/25/15 00:50*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*08/25/15 00:50*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/25/15 00:50*	*1*

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Client Sample ID: 20150820 TRIP02-4

Date Collected: 08/20/15 00:00
Date Received: 08/22/15 08:20

Lab Sample ID: 160-13510-25

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			08/25/15 01:15	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			08/25/15 01:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			08/25/15 01:15	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			08/25/15 01:15	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			08/25/15 01:15	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			08/25/15 01:15	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			08/25/15 01:15	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			08/25/15 01:15	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			08/25/15 01:15	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			08/25/15 01:15	1
2-Butanone (MEK)	ND		20	0.39	ug/L			08/25/15 01:15	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			08/25/15 01:15	1
Acetone	ND		20	6.7	ug/L			08/25/15 01:15	1
Benzene	ND		5.0	0.25	ug/L			08/25/15 01:15	1
Bromodichloromethane	ND		5.0	0.25	ug/L			08/25/15 01:15	1
Bromoform	ND		5.0	0.37	ug/L			08/25/15 01:15	1
Bromomethane	ND		10	0.40	ug/L			08/25/15 01:15	1
Carbon disulfide	ND		5.0	0.37	ug/L			08/25/15 01:15	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			08/25/15 01:15	1
Chlorobenzene	ND		5.0	0.38	ug/L			08/25/15 01:15	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			08/25/15 01:15	1
Chloroethane	ND		10	0.38	ug/L			08/25/15 01:15	1
Chloroform	ND		5.0	0.15	ug/L			08/25/15 01:15	1
Chloromethane	ND		10	0.55	ug/L			08/25/15 01:15	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			08/25/15 01:15	1
Ethylbenzene	ND		5.0	0.30	ug/L			08/25/15 01:15	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			08/25/15 01:15	1
Isobutyl alcohol	ND		200	7.3	ug/L			08/25/15 01:15	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			08/25/15 01:15	1
Methylene Chloride	ND		5.0	1.7	ug/L			08/25/15 01:15	1
Styrene	ND		5.0	0.35	ug/L			08/25/15 01:15	1
Tetrachloroethene	ND		5.0	0.28	ug/L			08/25/15 01:15	1
Toluene	ND		5.0	1.0	ug/L			08/25/15 01:15	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			08/25/15 01:15	1
Trichloroethene	ND		5.0	0.29	ug/L			08/25/15 01:15	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			08/25/15 01:15	1
Vinyl chloride	ND		5.0	0.43	ug/L			08/25/15 01:15	1
Xylenes, Total	ND		10	0.85	ug/L			08/25/15 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*78 - 127*		*08/25/15 01:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 123*		*08/25/15 01:15*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/25/15 01:15*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/25/15 01:15*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 160-207384/7
Matrix: Water
Analysis Batch: 207384

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			08/24/15 16:58	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			08/24/15 16:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			08/24/15 16:58	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			08/24/15 16:58	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			08/24/15 16:58	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			08/24/15 16:58	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			08/24/15 16:58	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			08/24/15 16:58	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			08/24/15 16:58	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			08/24/15 16:58	1
2-Butanone (MEK)	ND		20	0.39	ug/L			08/24/15 16:58	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			08/24/15 16:58	1
Acetone	ND		20	6.7	ug/L			08/24/15 16:58	1
Benzene	ND		5.0	0.25	ug/L			08/24/15 16:58	1
Bromodichloromethane	ND		5.0	0.25	ug/L			08/24/15 16:58	1
Bromoform	ND		5.0	0.37	ug/L			08/24/15 16:58	1
Bromomethane	ND		10	0.40	ug/L			08/24/15 16:58	1
Carbon disulfide	ND		5.0	0.37	ug/L			08/24/15 16:58	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			08/24/15 16:58	1
Chlorobenzene	ND		5.0	0.38	ug/L			08/24/15 16:58	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			08/24/15 16:58	1
Chloroethane	ND		10	0.38	ug/L			08/24/15 16:58	1
Chloroform	ND		5.0	0.15	ug/L			08/24/15 16:58	1
Chloromethane	ND		10	0.55	ug/L			08/24/15 16:58	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			08/24/15 16:58	1
Ethylbenzene	ND		5.0	0.30	ug/L			08/24/15 16:58	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			08/24/15 16:58	1
Isobutyl alcohol	ND		200	7.3	ug/L			08/24/15 16:58	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			08/24/15 16:58	1
Methylene Chloride	ND		5.0	1.7	ug/L			08/24/15 16:58	1
Styrene	ND		5.0	0.35	ug/L			08/24/15 16:58	1
Tetrachloroethene	ND		5.0	0.28	ug/L			08/24/15 16:58	1
Toluene	ND		5.0	1.0	ug/L			08/24/15 16:58	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			08/24/15 16:58	1
Trichloroethene	0.952	J	5.0	0.29	ug/L			08/24/15 16:58	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			08/24/15 16:58	1
Vinyl chloride	ND		5.0	0.43	ug/L			08/24/15 16:58	1
Xylenes, Total	ND		10	0.85	ug/L			08/24/15 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*78 - 127*		*08/24/15 16:58*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 123*		*08/24/15 16:58*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*08/24/15 16:58*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/24/15 16:58*	*1*

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

Lab Sample ID: LCS 160-207384/4
Matrix: Water
Analysis Batch: 207384

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/L		102	80 - 120
1,1,1-Trichloroethane	50.0	45.3		ug/L		91	75 - 127
1,1,2,2-Tetrachloroethane	50.0	52.2		ug/L		104	80 - 120
1,1,2-Trichloroethane	50.0	53.9		ug/L		108	80 - 120
1,1-Dichloroethane	50.0	50.4		ug/L		101	80 - 120
1,1-Dichloroethene	50.0	59.3		ug/L		119	77 - 121
1,2-Dibromo-3-Chloropropane	50.0	51.4		ug/L		103	69 - 135
1,2-Dichloroethane	50.0	41.9		ug/L		84	80 - 120
1,2-Dichloropropane	50.0	50.1		ug/L		100	80 - 120
1,3-Dichloropropene, Total	100	102		ug/L		102	
2-Butanone (MEK)	50.0	46.0		ug/L		92	68 - 128
4-Methyl-2-pentanone (MIBK)	50.0	50.6		ug/L		101	74 - 129
Acetone	50.0	55.3		ug/L		111	72 - 139
Benzene	50.0	52.3		ug/L		105	80 - 120
Bromodichloromethane	50.0	48.0		ug/L		96	80 - 120
Bromoform	50.0	52.3		ug/L		105	80 - 120
Bromomethane	50.0	46.3		ug/L		93	48 - 140
Carbon disulfide	50.0	58.8		ug/L		118	79 - 120
Carbon tetrachloride	50.0	45.8		ug/L		92	74 - 128
Chlorobenzene	50.0	51.0		ug/L		102	80 - 120
Chlorodibromomethane	50.0	51.2		ug/L		102	80 - 120
Chloroethane	50.0	44.7		ug/L		89	55 - 140
Chloroform	50.0	47.5		ug/L		95	80 - 120
Chloromethane	50.0	49.8		ug/L		100	72 - 123
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	80 - 120
Ethylbenzene	50.0	46.8		ug/L		94	80 - 120
Hexachlorobutadiene	50.0	49.9		ug/L		100	76 - 128
Isobutyl alcohol	1250	1110		ug/L		89	69 - 130
Methyl tert-butyl ether	50.0	51.3		ug/L		103	77 - 124
Methylene Chloride	50.0	55.8		ug/L		112	79 - 115
Styrene	50.0	53.4		ug/L		107	80 - 120
Tetrachloroethene	50.0	51.7		ug/L		103	80 - 120
Toluene	50.0	54.4		ug/L		109	80 - 120
trans-1,2-Dichloroethene	50.0	55.1		ug/L		110	80 - 120
Trichloroethene	50.0	44.9		ug/L		90	80 - 120
Trichlorofluoromethane	50.0	51.0		ug/L		102	72 - 132
Vinyl chloride	50.0	46.4		ug/L		93	68 - 120
Xylenes, Total	100	106		ug/L		106	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*78 - 127*
4-Bromofluorobenzene (Surr)	*106*		*75 - 123*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*

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

Lab Sample ID: LCSD 160-207384/5
Matrix: Water
Analysis Batch: 207384

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
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	80 - 120	1	20
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	75 - 127	2	20
1,1,2,2-Tetrachloroethane	50.0	53.6		ug/L		107	80 - 120	3	20
1,1,2-Trichloroethane	50.0	53.9		ug/L		108	80 - 120	0	20
1,1-Dichloroethane	50.0	50.4		ug/L		101	80 - 120	0	20
1,1-Dichloroethene	50.0	59.8		ug/L		120	77 - 121	1	20
1,2-Dibromo-3-Chloropropane	50.0	50.7		ug/L		101	69 - 135	1	20
1,2-Dichloroethane	50.0	41.3		ug/L		83	80 - 120	1	20
1,2-Dichloropropane	50.0	49.9		ug/L		100	80 - 120	0	20
1,3-Dichloropropene, Total	100	102		ug/L		102		0	
2-Butanone (MEK)	50.0	45.0		ug/L		90	68 - 128	2	20
4-Methyl-2-pentanone (MIBK)	50.0	48.3		ug/L		97	74 - 129	5	20
Acetone	50.0	51.4		ug/L		103	72 - 139	7	20
Benzene	50.0	52.3		ug/L		105	80 - 120	0	20
Bromodichloromethane	50.0	46.5		ug/L		93	80 - 120	3	20
Bromoform	50.0	54.0		ug/L		108	80 - 120	3	20
Bromomethane	50.0	46.3		ug/L		93	48 - 140	0	20
Carbon disulfide	50.0	59.2		ug/L		118	79 - 120	1	20
Carbon tetrachloride	50.0	45.7		ug/L		91	74 - 128	0	20
Chlorobenzene	50.0	51.2		ug/L		102	80 - 120	0	20
Chlorodibromomethane	50.0	51.2		ug/L		102	80 - 120	0	20
Chloroethane	50.0	44.4		ug/L		89	55 - 140	1	20
Chloroform	50.0	47.8		ug/L		96	80 - 120	1	20
Chloromethane	50.0	48.4		ug/L		97	72 - 123	3	20
cis-1,2-Dichloroethene	50.0	53.1		ug/L		106	80 - 120	2	20
Ethylbenzene	50.0	46.6		ug/L		93	80 - 120	0	20
Hexachlorobutadiene	50.0	51.1		ug/L		102	76 - 128	2	20
Isobutyl alcohol	1250	1120		ug/L		89	69 - 130	1	20
Methyl tert-butyl ether	50.0	51.2		ug/L		102	77 - 124	0	20
Methylene Chloride	50.0	55.4		ug/L		111	79 - 115	1	20
Styrene	50.0	53.5		ug/L		107	80 - 120	0	20
Tetrachloroethene	50.0	52.4		ug/L		105	80 - 120	1	20
Toluene	50.0	54.7		ug/L		109	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	55.6		ug/L		111	80 - 120	1	20
Trichloroethene	50.0	45.4		ug/L		91	80 - 120	1	20
Trichlorofluoromethane	50.0	49.8		ug/L		100	72 - 132	2	20
Vinyl chloride	50.0	44.0		ug/L		88	68 - 120	5	20
Xylenes, Total	100	106		ug/L		106	80 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*78 - 127*
4-Bromofluorobenzene (Surr)	*106*		*75 - 123*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: MB 160-208225/1-A
Matrix: Solid
Analysis Batch: 208216

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.35	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,1,1-Trichloroethane	ND		5.0	0.43	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,1-Dichloroethane	ND		5.0	0.39	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,1-Dichloroethene	ND		5.0	1.6	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,2-Dichloroethane	ND		5.0	0.87	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,2-Dichloropropane	ND		5.0	0.38	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
1,3-Dichloropropene, Total	ND		10	0.95	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
2-Butanone (MEK)	ND		20	1.9	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.73	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Acetone	ND		20	6.5	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Benzene	ND		5.0	0.25	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Bromodichloromethane	ND		5.0	0.25	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Bromoform	ND		5.0	0.37	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Bromomethane	ND		10	1.1	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Carbon disulfide	ND		5.0	0.69	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Carbon tetrachloride	ND		5.0	0.51	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Chlorobenzene	ND		5.0	0.38	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Chlorodibromomethane	ND		5.0	0.41	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Chloroethane	ND		10	0.52	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Chloroform	ND		5.0	0.38	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Chloromethane	ND		10	0.65	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
cis-1,2-Dichloroethene	ND		5.0	0.60	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Ethylbenzene	ND		5.0	0.30	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Isobutyl alcohol	ND		200	25	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Methyl tert-butyl ether	ND		5.0	0.48	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Methylene Chloride	ND		5.0	1.6	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Styrene	ND		5.0	0.35	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Tetrachloroethene	ND		5.0	0.32	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Toluene	ND		5.0	0.70	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
trans-1,2-Dichloroethene	ND		5.0	0.94	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Trichloroethene	ND		5.0	0.39	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Trichlorofluoromethane	ND		5.0	0.50	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Vinyl chloride	ND		5.0	0.43	ug/Kg		08/27/15 15:48	08/27/15 17:20	1
Xylenes, Total	ND		10	0.85	ug/Kg		08/27/15 15:48	08/27/15 17:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 127*	*08/27/15 15:48*	*08/27/15 17:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*63 - 150*	*08/27/15 15:48*	*08/27/15 17:20*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 126*	*08/27/15 15:48*	*08/27/15 17:20*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/27/15 15:48*	*08/27/15 17:20*	*1*

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

Lab Sample ID: LCS 160-208225/2-A
Matrix: Solid
Analysis Batch: 208216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.8		ug/Kg		96	80 - 120
1,1,1-Trichloroethane	50.0	44.2		ug/Kg		88	81 - 124
1,1,2,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	78 - 121
1,1,2-Trichloroethane	50.0	52.0		ug/Kg		104	80 - 120
1,1-Dichloroethane	50.0	47.6		ug/Kg		95	80 - 120
1,1-Dichloroethene	50.0	59.7		ug/Kg		119	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.5		ug/Kg		105	75 - 129
1,2-Dichloroethane	50.0	40.0		ug/Kg		80	76 - 125
1,2-Dichloropropane	50.0	48.3		ug/Kg		97	80 - 120
1,3-Dichloropropene, Total	100	99.6		ug/Kg		100	
2-Butanone (MEK)	50.0	46.7		ug/Kg		93	61 - 134
4-Methyl-2-pentanone (MIBK)	50.0	49.2		ug/Kg		98	75 - 127
Acetone	50.0	56.8		ug/Kg		114	59 - 129
Benzene	50.0	49.5		ug/Kg		99	80 - 120
Bromodichloromethane	50.0	45.9		ug/Kg		92	80 - 120
Bromoform	50.0	52.1		ug/Kg		104	84 - 126
Bromomethane	50.0	43.5		ug/Kg		87	74 - 128
Carbon disulfide	50.0	56.9		ug/Kg		114	79 - 121
Carbon tetrachloride	50.0	43.7		ug/Kg		87	80 - 125
Chlorobenzene	50.0	47.5		ug/Kg		95	80 - 120
Chlorodibromomethane	50.0	50.9		ug/Kg		102	80 - 120
Chloroethane	50.0	38.9		ug/Kg		78	73 - 129
Chloroform	50.0	45.2		ug/Kg		90	80 - 120
Chloromethane	50.0	46.1		ug/Kg		92	70 - 129
cis-1,2-Dichloroethene	50.0	49.9		ug/Kg		100	80 - 120
Ethylbenzene	50.0	43.9		ug/Kg		88	80 - 120
Hexachlorobutadiene	50.0	47.7		ug/Kg		95	61 - 131
Isobutyl alcohol	1250	1240		ug/Kg		99	61 - 140
Methyl tert-butyl ether	50.0	53.0		ug/Kg		106	83 - 124
Methylene Chloride	50.0	53.6		ug/Kg		107	80 - 120
Styrene	50.0	50.4		ug/Kg		101	80 - 120
Tetrachloroethene	50.0	48.9		ug/Kg		98	80 - 120
Toluene	50.0	51.3		ug/Kg		103	80 - 120
trans-1,2-Dichloroethene	50.0	53.4		ug/Kg		107	80 - 120
Trichloroethene	50.0	42.7		ug/Kg		85	80 - 120
Trichlorofluoromethane	50.0	49.5		ug/Kg		99	77 - 132
Vinyl chloride	50.0	40.4		ug/Kg		81	65 - 123
Xylenes, Total	100	98.2		ug/Kg		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 127*
4-Bromofluorobenzene (Surr)	*109*		*63 - 150*
Dibromofluoromethane (Surr)	*101*		*70 - 126*
Toluene-d8 (Surr)	*111*		*80 - 120*

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

Lab Sample ID: LCSD 160-208225/3-A
Matrix: Solid
Analysis Batch: 208216

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 208225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	47.0		ug/Kg		94	80 - 120	2	20
1,1,1-Trichloroethane	50.0	43.3		ug/Kg		87	81 - 124	2	20
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/Kg		103	78 - 121	4	20
1,1,2-Trichloroethane	50.0	50.3		ug/Kg		101	80 - 120	3	20
1,1-Dichloroethane	50.0	46.4		ug/Kg		93	80 - 120	2	20
1,1-Dichloroethene	50.0	55.9		ug/Kg		112	80 - 120	7	20
1,2-Dibromo-3-Chloropropane	50.0	52.1		ug/Kg		104	75 - 129	1	20
1,2-Dichloroethane	50.0	39.0		ug/Kg		78	76 - 125	3	20
1,2-Dichloropropane	50.0	46.8		ug/Kg		94	80 - 120	3	20
1,3-Dichloropropene, Total	100	97.9		ug/Kg		98		2	
2-Butanone (MEK)	50.0	46.7		ug/Kg		93	61 - 134	0	20
4-Methyl-2-pentanone (MIBK)	50.0	46.9		ug/Kg		94	75 - 127	5	20
Acetone	50.0	48.7		ug/Kg		97	59 - 129	15	20
Benzene	50.0	49.1		ug/Kg		98	80 - 120	1	20
Bromodichloromethane	50.0	44.4		ug/Kg		89	80 - 120	3	20
Bromoform	50.0	52.3		ug/Kg		105	84 - 126	0	20
Bromomethane	50.0	42.8		ug/Kg		86	74 - 128	2	20
Carbon disulfide	50.0	54.0		ug/Kg		108	79 - 121	5	20
Carbon tetrachloride	50.0	42.7		ug/Kg		85	80 - 125	2	20
Chlorobenzene	50.0	47.0		ug/Kg		94	80 - 120	1	20
Chlorodibromomethane	50.0	49.2		ug/Kg		98	80 - 120	3	20
Chloroethane	50.0	37.0		ug/Kg		74	73 - 129	5	20
Chloroform	50.0	44.8		ug/Kg		90	80 - 120	1	20
Chloromethane	50.0	42.8		ug/Kg		86	70 - 129	8	20
cis-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	80 - 120	3	20
Ethylbenzene	50.0	42.9		ug/Kg		86	80 - 120	2	20
Hexachlorobutadiene	50.0	48.7		ug/Kg		97	61 - 131	2	20
Isobutyl alcohol	1250	1200		ug/Kg		96	61 - 140	3	20
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	83 - 124	4	20
Methylene Chloride	50.0	52.0		ug/Kg		104	80 - 120	3	20
Styrene	50.0	50.9		ug/Kg		102	80 - 120	1	20
Tetrachloroethene	50.0	48.2		ug/Kg		96	80 - 120	1	20
Toluene	50.0	50.3		ug/Kg		101	80 - 120	2	20
trans-1,2-Dichloroethene	50.0	51.6		ug/Kg		103	80 - 120	3	20
Trichloroethene	50.0	42.2		ug/Kg		84	80 - 120	1	20
Trichlorofluoromethane	50.0	46.9		ug/Kg		94	77 - 132	5	20
Vinyl chloride	50.0	37.9		ug/Kg		76	65 - 123	6	20
Xylenes, Total	100	96.8		ug/Kg		97	80 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 127*
4-Bromofluorobenzene (Surr)	*107*		*63 - 150*
Dibromofluoromethane (Surr)	*100*		*70 - 126*
Toluene-d8 (Surr)	*108*		*80 - 120*

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

Lab Sample ID: MB 160-208473/1-A
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	0.35	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,1,1-Trichloroethane	ND		5.0	0.43	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,1-Dichloroethane	ND		5.0	0.39	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,1-Dichloroethene	ND		5.0	1.6	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,2-Dichloroethane	ND		5.0	0.87	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,2-Dichloropropane	ND		5.0	0.38	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
1,3-Dichloropropene, Total	ND		10	0.95	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
2-Butanone (MEK)	ND		20	1.9	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.73	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Acetone	ND		20	6.5	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Benzene	ND		5.0	0.25	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Bromodichloromethane	ND		5.0	0.25	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Bromoform	ND		5.0	0.37	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Bromomethane	ND		10	1.1	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Carbon disulfide	ND		5.0	0.69	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Carbon tetrachloride	ND		5.0	0.51	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Chlorobenzene	ND		5.0	0.38	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Chlorodibromomethane	ND		5.0	0.41	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Chloroethane	ND		10	0.52	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Chloroform	ND		5.0	0.38	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Chloromethane	ND		10	0.65	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
cis-1,2-Dichloroethene	ND		5.0	0.60	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Ethylbenzene	ND		5.0	0.30	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Isobutyl alcohol	ND		200	25	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Methyl tert-butyl ether	ND		5.0	0.48	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Methylene Chloride	ND		5.0	1.6	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Styrene	ND		5.0	0.35	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Tetrachloroethene	ND		5.0	0.32	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Toluene	ND		5.0	0.70	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
trans-1,2-Dichloroethene	ND		5.0	0.94	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Trichloroethene	ND		5.0	0.39	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Trichlorofluoromethane	ND		5.0	0.50	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Vinyl chloride	ND		5.0	0.43	ug/Kg		08/29/15 14:55	08/29/15 23:11	1
Xylenes, Total	ND		10	0.85	ug/Kg		08/29/15 14:55	08/29/15 23:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*72 - 127*	*08/29/15 14:55*	*08/29/15 23:11*	*1*
4-Bromofluorobenzene (Surr)	*99*		*63 - 150*	*08/29/15 14:55*	*08/29/15 23:11*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 126*	*08/29/15 14:55*	*08/29/15 23:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/29/15 14:55*	*08/29/15 23:11*	*1*

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

Lab Sample ID: LCS 160-208473/2-A
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.0		ug/Kg		100	80 - 120
1,1,1-Trichloroethane	50.0	45.6		ug/Kg		91	81 - 124
1,1,2,2-Tetrachloroethane	50.0	51.3		ug/Kg		103	78 - 121
1,1,2-Trichloroethane	50.0	51.9		ug/Kg		104	80 - 120
1,1-Dichloroethane	50.0	49.8		ug/Kg		100	80 - 120
1,1-Dichloroethene	50.0	58.9		ug/Kg		118	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	49.4		ug/Kg		99	75 - 129
1,2-Dichloroethane	50.0	40.6		ug/Kg		81	76 - 125
1,2-Dichloropropane	50.0	48.0		ug/Kg		96	80 - 120
1,3-Dichloropropene, Total	100	97.9		ug/Kg		98	
2-Butanone (MEK)	50.0	44.0		ug/Kg		88	61 - 134
4-Methyl-2-pentanone (MIBK)	50.0	44.3		ug/Kg		89	75 - 127
Acetone	50.0	46.3		ug/Kg		93	59 - 129
Benzene	50.0	50.8		ug/Kg		102	80 - 120
Bromodichloromethane	50.0	46.1		ug/Kg		92	80 - 120
Bromoform	50.0	51.4		ug/Kg		103	84 - 126
Bromomethane	50.0	41.6		ug/Kg		83	74 - 128
Carbon disulfide	50.0	56.6		ug/Kg		113	79 - 121
Carbon tetrachloride	50.0	45.0		ug/Kg		90	80 - 125
Chlorobenzene	50.0	49.2		ug/Kg		98	80 - 120
Chlorodibromomethane	50.0	49.7		ug/Kg		99	80 - 120
Chloroethane	50.0	39.9		ug/Kg		80	73 - 129
Chloroform	50.0	47.7		ug/Kg		95	80 - 120
Chloromethane	50.0	46.7		ug/Kg		93	70 - 129
cis-1,2-Dichloroethene	50.0	52.4		ug/Kg		105	80 - 120
Ethylbenzene	50.0	45.6		ug/Kg		91	80 - 120
Hexachlorobutadiene	50.0	48.3		ug/Kg		97	61 - 131
Isobutyl alcohol	1250	1040		ug/Kg		84	61 - 140
Methyl tert-butyl ether	50.0	49.7		ug/Kg		99	83 - 124
Methylene Chloride	50.0	55.4		ug/Kg		111	80 - 120
Styrene	50.0	53.4		ug/Kg		107	80 - 120
Tetrachloroethene	50.0	50.1		ug/Kg		100	80 - 120
Toluene	50.0	53.0		ug/Kg		106	80 - 120
trans-1,2-Dichloroethene	50.0	54.7		ug/Kg		109	80 - 120
Trichloroethene	50.0	44.0		ug/Kg		88	80 - 120
Trichlorofluoromethane	50.0	48.6		ug/Kg		97	77 - 132
Vinyl chloride	50.0	42.3		ug/Kg		85	65 - 123
Xylenes, Total	100	105		ug/Kg		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 127*
4-Bromofluorobenzene (Surr)	*107*		*63 - 150*
Dibromofluoromethane (Surr)	*98*		*70 - 126*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: LCSD 160-208473/3-A
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	51.4		ug/Kg		103	80 - 120	3	20
1,1,1-Trichloroethane	50.0	44.9		ug/Kg		90	81 - 124	2	20
1,1,2,2-Tetrachloroethane	50.0	55.9		ug/Kg		112	78 - 121	9	20
1,1,2-Trichloroethane	50.0	55.0		ug/Kg		110	80 - 120	6	20
1,1-Dichloroethane	50.0	49.1		ug/Kg		98	80 - 120	1	20
1,1-Dichloroethene	50.0	58.9		ug/Kg		118	80 - 120	0	20
1,2-Dibromo-3-Chloropropane	50.0	54.7		ug/Kg		109	75 - 129	10	20
1,2-Dichloroethane	50.0	41.9		ug/Kg		84	76 - 125	3	20
1,2-Dichloropropane	50.0	49.3		ug/Kg		99	80 - 120	3	20
1,3-Dichloropropene, Total	100	103		ug/Kg		103		5	
2-Butanone (MEK)	50.0	50.6		ug/Kg		101	61 - 134	14	20
4-Methyl-2-pentanone (MIBK)	50.0	52.6		ug/Kg		105	75 - 127	17	20
Acetone	50.0	51.5		ug/Kg		103	59 - 129	10	20
Benzene	50.0	50.8		ug/Kg		102	80 - 120	0	20
Bromodichloromethane	50.0	47.3		ug/Kg		95	80 - 120	3	20
Bromoform	50.0	55.5		ug/Kg		111	84 - 126	8	20
Bromomethane	50.0	40.8		ug/Kg		82	74 - 128	2	20
Carbon disulfide	50.0	55.4		ug/Kg		111	79 - 121	2	20
Carbon tetrachloride	50.0	44.8		ug/Kg		90	80 - 125	1	20
Chlorobenzene	50.0	50.7		ug/Kg		101	80 - 120	3	20
Chlorodibromomethane	50.0	52.5		ug/Kg		105	80 - 120	5	20
Chloroethane	50.0	38.4		ug/Kg		77	73 - 129	4	20
Chloroform	50.0	47.3		ug/Kg		95	80 - 120	1	20
Chloromethane	50.0	44.8		ug/Kg		90	70 - 129	4	20
cis-1,2-Dichloroethene	50.0	51.9		ug/Kg		104	80 - 120	1	20
Ethylbenzene	50.0	45.1		ug/Kg		90	80 - 120	1	20
Hexachlorobutadiene	50.0	46.7		ug/Kg		93	61 - 131	4	20
Isobutyl alcohol	1250	1250		ug/Kg		100	61 - 140	18	20
Methyl tert-butyl ether	50.0	53.7		ug/Kg		107	83 - 124	8	20
Methylene Chloride	50.0	55.9		ug/Kg		112	80 - 120	1	20
Styrene	50.0	53.4		ug/Kg		107	80 - 120	0	20
Tetrachloroethene	50.0	49.8		ug/Kg		100	80 - 120	1	20
Toluene	50.0	53.0		ug/Kg		106	80 - 120	0	20
trans-1,2-Dichloroethene	50.0	54.8		ug/Kg		110	80 - 120	0	20
Trichloroethene	50.0	44.1		ug/Kg		88	80 - 120	0	20
Trichlorofluoromethane	50.0	47.5		ug/Kg		95	77 - 132	2	20
Vinyl chloride	50.0	41.0		ug/Kg		82	65 - 123	3	20
Xylenes, Total	100	103		ug/Kg		103	80 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 127*
4-Bromofluorobenzene (Surr)	*109*		*63 - 150*
Dibromofluoromethane (Surr)	*102*		*70 - 126*
Toluene-d8 (Surr)	*109*		*80 - 120*

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

Lab Sample ID: 160-13510-11 MS
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		54.0	54.2		ug/Kg	☼	100	80 - 120
1,1,1-Trichloroethane	ND		54.0	48.9		ug/Kg	☼	91	83 - 128
1,1,2,2-Tetrachloroethane	ND		54.0	59.3		ug/Kg	☼	110	55 - 150
1,1,2-Trichloroethane	ND		54.0	56.5		ug/Kg	☼	105	80 - 120
1,1-Dichloroethane	ND		54.0	53.6		ug/Kg	☼	99	80 - 120
1,1-Dichloroethene	ND		54.0	63.7		ug/Kg	☼	118	55 - 150
1,2-Dibromo-3-Chloropropane	ND		54.0	53.6		ug/Kg	☼	99	78 - 137
1,2-Dichloroethane	ND		54.0	44.8		ug/Kg	☼	83	64 - 137
1,2-Dichloropropane	ND		54.0	53.0		ug/Kg	☼	98	80 - 120
1,3-Dichloropropene, Total	ND		108	109		ug/Kg	☼	101	
2-Butanone (MEK)	ND		54.0	45.6		ug/Kg	☼	84	56 - 130
4-Methyl-2-pentanone (MIBK)	ND		54.0	51.6		ug/Kg	☼	96	68 - 130
Acetone	11	J	54.0	62.4		ug/Kg	☼	95	35 - 150
Benzene	ND		54.0	55.2		ug/Kg	☼	102	80 - 120
Bromodichloromethane	ND		54.0	49.3		ug/Kg	☼	91	77 - 131
Bromoform	ND		54.0	57.9		ug/Kg	☼	107	80 - 120
Bromomethane	ND		54.0	45.0		ug/Kg	☼	83	61 - 134
Carbon disulfide	ND		54.0	61.3		ug/Kg	☼	114	74 - 125
Carbon tetrachloride	ND		54.0	49.1		ug/Kg	☼	91	67 - 140
Chlorobenzene	ND		54.0	53.5		ug/Kg	☼	99	76 - 117
Chlorodibromomethane	ND		54.0	55.0		ug/Kg	☼	102	80 - 120
Chloroethane	ND		54.0	44.5		ug/Kg	☼	82	65 - 134
Chloroform	ND		54.0	50.9		ug/Kg	☼	94	79 - 124
Chloromethane	ND		54.0	52.4		ug/Kg	☼	97	56 - 139
cis-1,2-Dichloroethene	ND		54.0	55.5		ug/Kg	☼	103	75 - 121
Ethylbenzene	ND		54.0	49.7		ug/Kg	☼	92	80 - 120
Hexachlorobutadiene	ND		54.0	43.0		ug/Kg	☼	80	10 - 146
Isobutyl alcohol	ND		1350	1170		ug/Kg	☼	87	43 - 136
Methyl tert-butyl ether	ND		54.0	54.4		ug/Kg	☼	101	67 - 138
Methylene Chloride	ND		54.0	59.2		ug/Kg	☼	110	74 - 123
Styrene	ND		54.0	56.8		ug/Kg	☼	105	80 - 122
Tetrachloroethene	ND		54.0	53.9		ug/Kg	☼	100	77 - 128
Toluene	ND		54.0	57.4		ug/Kg	☼	106	79 - 139
trans-1,2-Dichloroethene	ND		54.0	58.8		ug/Kg	☼	109	75 - 121
Trichloroethene	ND		54.0	47.3		ug/Kg	☼	88	75 - 123
Trichlorofluoromethane	ND		54.0	54.0		ug/Kg	☼	100	67 - 146
Vinyl chloride	ND		54.0	46.7		ug/Kg	☼	86	59 - 125
Xylenes, Total	ND		108	111		ug/Kg	☼	103	72 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 127*
4-Bromofluorobenzene (Surr)	*111*		*63 - 150*
Dibromofluoromethane (Surr)	*100*		*70 - 126*
Toluene-d8 (Surr)	*109*		*80 - 120*

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

Lab Sample ID: 160-13510-11 MSD
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		61.5	61.1		ug/Kg	☼	99	80 - 120	12	20
1,1,1-Trichloroethane	ND		61.5	55.1		ug/Kg	☼	90	83 - 128	12	20
1,1,2,2-Tetrachloroethane	ND		61.5	66.3		ug/Kg	☼	108	55 - 150	11	20
1,1,2-Trichloroethane	ND		61.5	62.1		ug/Kg	☼	101	80 - 120	9	20
1,1-Dichloroethane	ND		61.5	60.2		ug/Kg	☼	98	80 - 120	12	20
1,1-Dichloroethene	ND		61.5	71.4		ug/Kg	☼	116	55 - 150	11	20
1,2-Dibromo-3-Chloropropane	ND		61.5	62.2		ug/Kg	☼	101	78 - 137	15	20
1,2-Dichloroethane	ND		61.5	48.7		ug/Kg	☼	79	64 - 137	8	20
1,2-Dichloropropane	ND		61.5	56.8		ug/Kg	☼	92	80 - 120	7	20
1,3-Dichloropropene, Total	ND		123	118		ug/Kg	☼	96		8	
2-Butanone (MEK)	ND		61.5	49.9		ug/Kg	☼	81	56 - 130	9	20
4-Methyl-2-pentanone (MIBK)	ND		61.5	55.5		ug/Kg	☼	90	68 - 130	7	20
Acetone	11	J	61.5	65.9		ug/Kg	☼	89	35 - 150	5	20
Benzene	ND		61.5	61.4		ug/Kg	☼	100	80 - 120	11	20
Bromodichloromethane	ND		61.5	55.1		ug/Kg	☼	90	77 - 131	11	20
Bromoform	ND		61.5	64.3		ug/Kg	☼	105	80 - 120	11	20
Bromomethane	ND		61.5	50.7		ug/Kg	☼	82	61 - 134	12	20
Carbon disulfide	ND		61.5	68.7		ug/Kg	☼	112	74 - 125	11	20
Carbon tetrachloride	ND		61.5	54.8		ug/Kg	☼	89	67 - 140	11	20
Chlorobenzene	ND		61.5	60.8		ug/Kg	☼	99	76 - 117	13	20
Chlorodibromomethane	ND		61.5	60.1		ug/Kg	☼	98	80 - 120	9	20
Chloroethane	ND		61.5	48.4		ug/Kg	☼	79	65 - 134	8	20
Chloroform	ND		61.5	56.5		ug/Kg	☼	92	79 - 124	11	20
Chloromethane	ND		61.5	58.2		ug/Kg	☼	95	56 - 139	11	20
cis-1,2-Dichloroethene	ND		61.5	63.1		ug/Kg	☼	103	75 - 121	13	20
Ethylbenzene	ND		61.5	55.9		ug/Kg	☼	91	80 - 120	12	20
Hexachlorobutadiene	ND		61.5	52.1		ug/Kg	☼	85	10 - 146	19	20
Isobutyl alcohol	ND		1540	1280		ug/Kg	☼	83	43 - 136	8	20
Methyl tert-butyl ether	ND		61.5	60.0		ug/Kg	☼	98	67 - 138	10	20
Methylene Chloride	ND		61.5	66.9		ug/Kg	☼	109	74 - 123	12	20
Styrene	ND		61.5	63.7		ug/Kg	☼	104	80 - 122	11	20
Tetrachloroethene	ND		61.5	61.1		ug/Kg	☼	99	77 - 128	13	20
Toluene	ND		61.5	65.1		ug/Kg	☼	106	79 - 139	13	20
trans-1,2-Dichloroethene	ND		61.5	66.2		ug/Kg	☼	108	75 - 121	12	20
Trichloroethene	ND		61.5	51.5		ug/Kg	☼	84	75 - 123	9	20
Trichlorofluoromethane	ND		61.5	60.6		ug/Kg	☼	98	67 - 146	11	20
Vinyl chloride	ND		61.5	51.8		ug/Kg	☼	84	59 - 125	10	20
Xylenes, Total	ND		123	126		ug/Kg	☼	103	72 - 125	13	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 127*
4-Bromofluorobenzene (Surr)	*109*		*63 - 150*
Dibromofluoromethane (Surr)	*98*		*70 - 126*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: 160-13510-18 MS
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		47.3	47.6		ug/Kg	☼	101	80 - 120
1,1,1-Trichloroethane	ND		47.3	43.8		ug/Kg	☼	92	83 - 128
1,1,2,2-Tetrachloroethane	ND		47.3	54.1		ug/Kg	☼	114	55 - 150
1,1,2-Trichloroethane	ND		47.3	50.8		ug/Kg	☼	107	80 - 120
1,1-Dichloroethane	ND		47.3	49.2		ug/Kg	☼	104	80 - 120
1,1-Dichloroethene	ND		47.3	51.2		ug/Kg	☼	108	55 - 150
1,2-Dibromo-3-Chloropropane	ND		47.3	49.4		ug/Kg	☼	104	78 - 137
1,2-Dichloroethane	ND		47.3	42.3		ug/Kg	☼	89	64 - 137
1,2-Dichloropropane	ND		47.3	48.5		ug/Kg	☼	102	80 - 120
1,3-Dichloropropene, Total	ND		94.6	93.6		ug/Kg	☼	99	
2-Butanone (MEK)	ND		47.3	47.8		ug/Kg	☼	101	56 - 130
4-Methyl-2-pentanone (MIBK)	ND		47.3	48.6		ug/Kg	☼	103	68 - 130
Acetone	13	J F1 F2	47.3	175	F1	ug/Kg	☼	343	35 - 150
Benzene	ND		47.3	48.8		ug/Kg	☼	103	80 - 120
Bromodichloromethane	ND		47.3	45.3		ug/Kg	☼	96	77 - 131
Bromoform	ND		47.3	50.1		ug/Kg	☼	106	80 - 120
Bromomethane	ND		47.3	35.8		ug/Kg	☼	76	61 - 134
Carbon disulfide	ND		47.3	48.3		ug/Kg	☼	102	74 - 125
Carbon tetrachloride	ND		47.3	41.8		ug/Kg	☼	88	67 - 140
Chlorobenzene	ND		47.3	46.0		ug/Kg	☼	97	76 - 117
Chlorodibromomethane	ND		47.3	47.2		ug/Kg	☼	100	80 - 120
Chloroethane	ND	F1	47.3	29.5	F1	ug/Kg	☼	62	65 - 134
Chloroform	ND		47.3	46.2		ug/Kg	☼	98	79 - 124
Chloromethane	ND		47.3	47.9		ug/Kg	☼	101	56 - 139
cis-1,2-Dichloroethene	ND		47.3	48.7		ug/Kg	☼	103	75 - 121
Ethylbenzene	ND		47.3	42.8		ug/Kg	☼	90	80 - 120
Hexachlorobutadiene	ND		47.3	36.3		ug/Kg	☼	77	10 - 146
Isobutyl alcohol	ND		1180	1160		ug/Kg	☼	98	43 - 136
Methyl tert-butyl ether	ND		47.3	50.1		ug/Kg	☼	106	67 - 138
Methylene Chloride	ND		47.3	51.6		ug/Kg	☼	109	74 - 123
Styrene	ND		47.3	46.2		ug/Kg	☼	98	80 - 122
Tetrachloroethene	ND		47.3	43.9		ug/Kg	☼	93	77 - 128
Toluene	ND		47.3	49.2		ug/Kg	☼	104	79 - 139
trans-1,2-Dichloroethene	ND		47.3	49.7		ug/Kg	☼	105	75 - 121
Trichloroethene	ND		47.3	40.2		ug/Kg	☼	85	75 - 123
Trichlorofluoromethane	ND		47.3	43.2		ug/Kg	☼	91	67 - 146
Vinyl chloride	ND		47.3	43.5		ug/Kg	☼	92	59 - 125
Xylenes, Total	ND		94.6	94.1		ug/Kg	☼	99	72 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 127*
4-Bromofluorobenzene (Surr)	*103*		*63 - 150*
Dibromofluoromethane (Surr)	*101*		*70 - 126*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: 160-13510-18 MSD
Matrix: Solid
Analysis Batch: 208474

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208473

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		51.6	49.7		ug/Kg	☼	96	80 - 120	4	20
1,1,1-Trichloroethane	ND		51.6	43.1		ug/Kg	☼	84	83 - 128	2	20
1,1,2,2-Tetrachloroethane	ND		51.6	55.7		ug/Kg	☼	108	55 - 150	3	20
1,1,2-Trichloroethane	ND		51.6	52.5		ug/Kg	☼	102	80 - 120	3	20
1,1-Dichloroethane	ND		51.6	48.5		ug/Kg	☼	94	80 - 120	2	20
1,1-Dichloroethene	ND		51.6	53.0		ug/Kg	☼	103	55 - 150	3	20
1,2-Dibromo-3-Chloropropane	ND		51.6	52.3		ug/Kg	☼	101	78 - 137	6	20
1,2-Dichloroethane	ND		51.6	42.4		ug/Kg	☼	82	64 - 137	0	20
1,2-Dichloropropane	ND		51.6	49.3		ug/Kg	☼	96	80 - 120	2	20
1,3-Dichloropropene, Total	ND		103	99.0		ug/Kg	☼	96		6	
2-Butanone (MEK)	ND		51.6	47.5		ug/Kg	☼	92	56 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		51.6	50.2		ug/Kg	☼	97	68 - 130	3	20
Acetone	13	J F1 F2	51.6	91.1	F1 F2	ug/Kg	☼	152	35 - 150	63	20
Benzene	ND		51.6	50.5		ug/Kg	☼	98	80 - 120	4	20
Bromodichloromethane	ND		51.6	47.1		ug/Kg	☼	91	77 - 131	4	20
Bromoform	ND		51.6	53.6		ug/Kg	☼	104	80 - 120	7	20
Bromomethane	ND		51.6	38.0		ug/Kg	☼	74	61 - 134	6	20
Carbon disulfide	ND		51.6	51.5		ug/Kg	☼	100	74 - 125	7	20
Carbon tetrachloride	ND		51.6	42.1		ug/Kg	☼	82	67 - 140	1	20
Chlorobenzene	ND		51.6	49.3		ug/Kg	☼	95	76 - 117	7	20
Chlorodibromomethane	ND		51.6	48.6		ug/Kg	☼	94	80 - 120	3	20
Chloroethane	ND	F1	51.6	30.6	F1	ug/Kg	☼	59	65 - 134	4	20
Chloroform	ND		51.6	46.5		ug/Kg	☼	90	79 - 124	1	20
Chloromethane	ND		51.6	46.8		ug/Kg	☼	91	56 - 139	2	20
cis-1,2-Dichloroethene	ND		51.6	50.7		ug/Kg	☼	98	75 - 121	4	20
Ethylbenzene	ND		51.6	44.6		ug/Kg	☼	86	80 - 120	4	20
Hexachlorobutadiene	ND		51.6	41.3		ug/Kg	☼	80	10 - 146	13	20
Isobutyl alcohol	ND		1290	1160		ug/Kg	☼	90	43 - 136	0	20
Methyl tert-butyl ether	ND		51.6	51.3		ug/Kg	☼	99	67 - 138	2	20
Methylene Chloride	ND		51.6	53.9		ug/Kg	☼	105	74 - 123	4	20
Styrene	ND		51.6	50.6		ug/Kg	☼	98	80 - 122	9	20
Tetrachloroethene	ND		51.6	46.4		ug/Kg	☼	90	77 - 128	6	20
Toluene	ND		51.6	51.4		ug/Kg	☼	100	79 - 139	4	20
trans-1,2-Dichloroethene	ND		51.6	51.1		ug/Kg	☼	99	75 - 121	3	20
Trichloroethene	ND		51.6	41.9		ug/Kg	☼	81	75 - 123	4	20
Trichlorofluoromethane	ND		51.6	44.3		ug/Kg	☼	86	67 - 146	2	20
Vinyl chloride	ND		51.6	44.1		ug/Kg	☼	85	59 - 125	1	20
Xylenes, Total	ND		103	99.8		ug/Kg	☼	97	72 - 125	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*72 - 127*
4-Bromofluorobenzene (Surr)	*103*		*63 - 150*
Dibromofluoromethane (Surr)	*94*		*70 - 126*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: MB 160-208680/1-A
Matrix: Solid
Analysis Batch: 209455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,2,4,5-Tetrachlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,2,4-Trichlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,2-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,3-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,3-Dinitrobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
1,4-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,3,4,6-Tetrachlorophenol	ND		1600	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4,5-Trichlorophenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4,6-Trichlorophenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4-Dichlorophenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4-Dimethylphenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4-Dinitrophenol	ND		1600	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,4-Dinitrotoluene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2,6-Dinitrotoluene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2-Chloronaphthalene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2-Chlorophenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2-Methylnaphthalene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
2-Nitroaniline	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
3,3'-Dichlorobenzidine	ND		1600	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
3-Nitroaniline	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
4-Nitroaniline	ND		1600	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
4-Nitrophenol	ND		1600	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Acenaphthene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Acenaphthylene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Aniline	ND		330	60	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Anthracene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Benzo[a]anthracene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Benzo[a]pyrene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Benzo[b]fluoranthene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Benzo[k]fluoranthene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
bis (2-chloroisopropyl) ether	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Bis(2-chloroethyl)ether	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Bis(2-ethylhexyl) phthalate	ND		330	45	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Butyl benzyl phthalate	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Chrysene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Dibenz(a,h)anthracene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Dibenzofuran	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Diethyl phthalate	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Dimethyl phthalate	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Di-n-butyl phthalate	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Di-n-octyl phthalate	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Diphenylamine	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Fluoranthene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Fluorene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Hexachlorobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Hexachlorobutadiene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Hexachlorocyclopentadiene	ND		1600	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1

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

Lab Sample ID: MB 160-208680/1-A
Matrix: Solid
Analysis Batch: 209455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Indeno[1,2,3-cd]pyrene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Isophorone	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Naphthalene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Nitrobenzene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
N-Nitrosodi-n-propylamine	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Pentachlorophenol	ND		660	330	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Phenanthrene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Phenol	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
Pyrene	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1
N-Nitrosodiphenylamine	ND		330	33	ug/Kg		08/31/15 13:01	09/04/15 13:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*56 - 97*	*08/31/15 13:01*	*09/04/15 13:55*	*1*
2-Fluorophenol (Surr)	*80*		*53 - 97*	*08/31/15 13:01*	*09/04/15 13:55*	*1*
Nitrobenzene-d5 (Surr)	*83*		*55 - 98*	*08/31/15 13:01*	*09/04/15 13:55*	*1*
Phenol-d5 (Surr)	*82*		*54 - 101*	*08/31/15 13:01*	*09/04/15 13:55*	*1*
Terphenyl-d14 (Surr)	*82*		*58 - 123*	*08/31/15 13:01*	*09/04/15 13:55*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*46 - 111*	*08/31/15 13:01*	*09/04/15 13:55*	*1*

Lab Sample ID: LCS 160-208680/2-A
Matrix: Solid
Analysis Batch: 209455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	6670	5970		ug/Kg		90	60 - 91
1,2-Dichlorobenzene	6670	5400		ug/Kg		81	59 - 90
1,3-Dichlorobenzene	6670	5350		ug/Kg		80	57 - 88
1,4-Dichlorobenzene	6670	5410		ug/Kg		81	58 - 88
2,4,5-Trichlorophenol	6670	6000		ug/Kg		90	59 - 94
2,4,6-Trichlorophenol	6670	6040		ug/Kg		91	59 - 95
2,4-Dichlorophenol	6670	5550		ug/Kg		83	59 - 90
2,4-Dimethylphenol	6670	5170		ug/Kg		78	54 - 108
2,4-Dinitrophenol	6670	913	J *	ug/Kg		14	20 - 100
2,4-Dinitrotoluene	6670	5770		ug/Kg		87	61 - 103
2,6-Dinitrotoluene	6670	5630		ug/Kg		84	63 - 99
2-Chloronaphthalene	6670	5850		ug/Kg		88	61 - 94
2-Chlorophenol	6670	5260		ug/Kg		79	60 - 91
2-Methylnaphthalene	6670	5440		ug/Kg		82	59 - 90
2-Nitroaniline	6670	5130		ug/Kg		77	58 - 105
3,3'-Dichlorobenzidine	6670	5840		ug/Kg		88	50 - 90
3-Nitroaniline	6670	4980		ug/Kg		75	55 - 91
4-Nitroaniline	6670	4930		ug/Kg		74	57 - 94
4-Nitrophenol	6670	4880		ug/Kg		73	54 - 101
Acenaphthene	6670	5600		ug/Kg		84	63 - 95
Acenaphthylene	6670	5610		ug/Kg		84	62 - 98
Anthracene	6670	5720		ug/Kg		86	63 - 100
Benzo[a]anthracene	6670	5820		ug/Kg		87	74 - 114

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

Lab Sample ID: LCS 160-208680/2-A
Matrix: Solid
Analysis Batch: 209455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene	6670	5900		ug/Kg		89	63 - 103
Benzo[b]fluoranthene	6670	5900		ug/Kg		88	68 - 109
Benzo[k]fluoranthene	6670	5670		ug/Kg		85	69 - 111
bis (2-chloroisopropyl) ether	6670	4550		ug/Kg		68	47 - 105
Bis(2-chloroethyl)ether	6670	4960		ug/Kg		74	58 - 92
Bis(2-ethylhexyl) phthalate	6670	5670		ug/Kg		85	63 - 112
Butyl benzyl phthalate	6670	5680		ug/Kg		85	59 - 111
Chrysene	6670	5500		ug/Kg		83	66 - 100
Dibenz(a,h)anthracene	6670	6760		ug/Kg		101	67 - 114
Dibenzofuran	6670	5590		ug/Kg		84	58 - 95
Diethyl phthalate	6670	5350		ug/Kg		80	62 - 97
Dimethyl phthalate	6670	5640		ug/Kg		85	63 - 98
Di-n-butyl phthalate	6670	5640		ug/Kg		85	62 - 104
Di-n-octyl phthalate	6670	5870		ug/Kg		88	61 - 111
Diphenylamine	6670	5900		ug/Kg		89	78 - 133
Fluoranthene	6670	5670		ug/Kg		85	63 - 101
Fluorene	6670	5560		ug/Kg		83	62 - 96
Hexachlorobenzene	6670	6320		ug/Kg		95	62 - 106
Hexachlorobutadiene	6670	6430	*	ug/Kg		96	57 - 94
Hexachlorocyclopentadiene	6670	7210		ug/Kg		108	40 - 115
Hexachloroethane	6670	5370		ug/Kg		81	59 - 93
Indeno[1,2,3-cd]pyrene	6670	6960		ug/Kg		104	65 - 120
Isophorone	6670	4990		ug/Kg		75	57 - 86
Naphthalene	6670	5450		ug/Kg		82	60 - 90
Nitrobenzene	6670	5250		ug/Kg		79	58 - 95
N-Nitrosodi-n-propylamine	6670	5030		ug/Kg		75	60 - 104
Pentachlorophenol	6670	5020		ug/Kg		75	50 - 100
Phenanthrene	6670	5650		ug/Kg		85	63 - 99
Phenol	6670	4690		ug/Kg		70	53 - 89
Pyrene	6670	5720		ug/Kg		86	64 - 102
N-Nitrosodiphenylamine	6670	6900		ug/Kg		104	78 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*56 - 97*
2-Fluorophenol (Surr)	*77*		*53 - 97*
Nitrobenzene-d5 (Surr)	*80*		*55 - 98*
Phenol-d5 (Surr)	*75*		*54 - 101*
Terphenyl-d14 (Surr)	*81*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*96*		*46 - 111*

Lab Sample ID: MB 160-208698/1-A
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208698

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
1,2,4,5-Tetrachlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
1,2,4-Trichlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1

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

Lab Sample ID: MB 160-208698/1-A
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208698

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
1,3-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
1,3-Dinitrobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
1,4-Dichlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,3,4,6-Tetrachlorophenol	ND		1600	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4,5-Trichlorophenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4,6-Trichlorophenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4-Dichlorophenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4-Dimethylphenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4-Dinitrophenol	ND		1600	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,4-Dinitrotoluene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2,6-Dinitrotoluene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2-Chloronaphthalene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2-Chlorophenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2-Methylnaphthalene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
2-Nitroaniline	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
3,3'-Dichlorobenzidine	ND		1600	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
3-Nitroaniline	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
4-Nitroaniline	ND		1600	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
4-Nitrophenol	ND		1600	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Acenaphthene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Acenaphthylene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Aniline	ND		330	60	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Anthracene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Benzo[a]anthracene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Benzo[a]pyrene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Benzo[b]fluoranthene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Benzo[k]fluoranthene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
bis (2-chloroisopropyl) ether	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Bis(2-chloroethyl)ether	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Bis(2-ethylhexyl) phthalate	ND		330	45	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Butyl benzyl phthalate	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Chrysene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Dibenz(a,h)anthracene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Dibenzofuran	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Diethyl phthalate	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Dimethyl phthalate	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Di-n-butyl phthalate	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Di-n-octyl phthalate	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Diphenylamine	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Fluoranthene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Fluorene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Hexachlorobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Hexachlorobutadiene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Hexachlorocyclopentadiene	ND		1600	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Hexachloroethane	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Indeno[1,2,3-cd]pyrene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Isophorone	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1

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

Lab Sample ID: MB 160-208698/1-A
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208698

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Nitrobenzene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
N-Nitrosodi-n-propylamine	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Pentachlorophenol	ND		660	330	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Phenanthrene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Phenol	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
Pyrene	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1
N-Nitrosodiphenylamine	ND		330	33	ug/Kg		08/31/15 15:37	09/11/15 16:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*56 - 97*	*08/31/15 15:37*	*09/11/15 16:43*	*1*
2-Fluorophenol (Surr)	*88*		*53 - 97*	*08/31/15 15:37*	*09/11/15 16:43*	*1*
Nitrobenzene-d5 (Surr)	*86*		*55 - 98*	*08/31/15 15:37*	*09/11/15 16:43*	*1*
Phenol-d5 (Surr)	*85*		*54 - 101*	*08/31/15 15:37*	*09/11/15 16:43*	*1*
Terphenyl-d14 (Surr)	*69*		*58 - 123*	*08/31/15 15:37*	*09/11/15 16:43*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*46 - 111*	*08/31/15 15:37*	*09/11/15 16:43*	*1*

Lab Sample ID: LCS 160-208698/2-A
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	6670	5610		ug/Kg		84	60 - 91
1,2-Dichlorobenzene	6670	5520		ug/Kg		83	59 - 90
1,3-Dichlorobenzene	6670	5350		ug/Kg		80	57 - 88
1,4-Dichlorobenzene	6670	5330		ug/Kg		80	58 - 88
2,4,5-Trichlorophenol	6670	5570		ug/Kg		84	59 - 94
2,4,6-Trichlorophenol	6670	5680		ug/Kg		85	59 - 95
2,4-Dichlorophenol	6670	5460		ug/Kg		82	59 - 90
2,4-Dimethylphenol	6670	5200		ug/Kg		78	54 - 108
2,4-Dinitrophenol	6670	1210	J *	ug/Kg		18	20 - 100
2,4-Dinitrotoluene	6670	5290		ug/Kg		79	61 - 103
2,6-Dinitrotoluene	6670	5460		ug/Kg		82	63 - 99
2-Chloronaphthalene	6670	5870		ug/Kg		88	61 - 94
2-Chlorophenol	6670	5430		ug/Kg		81	60 - 91
2-Methylnaphthalene	6670	5170		ug/Kg		78	59 - 90
2-Nitroaniline	6670	5550		ug/Kg		83	58 - 105
3,3'-Dichlorobenzidine	6670	5320		ug/Kg		80	50 - 90
3-Nitroaniline	6670	5110		ug/Kg		77	55 - 91
4-Nitroaniline	6670	5250		ug/Kg		79	57 - 94
4-Nitrophenol	6670	4900		ug/Kg		74	54 - 101
Acenaphthene	6670	5230		ug/Kg		78	63 - 95
Acenaphthylene	6670	5330		ug/Kg		80	62 - 98
Anthracene	6670	5070		ug/Kg		76	63 - 100
Benzo[a]anthracene	6670	5550		ug/Kg		83	74 - 114
Benzo[a]pyrene	6670	5530		ug/Kg		83	63 - 103
Benzo[b]fluoranthene	6670	5470		ug/Kg		82	68 - 109
Benzo[k]fluoranthene	6670	5280		ug/Kg		79	69 - 111

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

Lab Sample ID: LCS 160-208698/2-A
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
bis (2-chloroisopropyl) ether	6670	5350		ug/Kg		80	47 - 105
Bis(2-chloroethyl)ether	6670	5010		ug/Kg		75	58 - 92
Bis(2-ethylhexyl) phthalate	6670	5790		ug/Kg		87	63 - 112
Butyl benzyl phthalate	6670	5920		ug/Kg		89	59 - 111
Chrysene	6670	5250		ug/Kg		79	66 - 100
Dibenz(a,h)anthracene	6670	6160		ug/Kg		92	67 - 114
Dibenzofuran	6670	4990		ug/Kg		75	58 - 95
Diethyl phthalate	6670	4980		ug/Kg		75	62 - 97
Dimethyl phthalate	6670	5320		ug/Kg		80	63 - 98
Di-n-butyl phthalate	6670	5100		ug/Kg		77	62 - 104
Di-n-octyl phthalate	6670	5860		ug/Kg		88	61 - 111
Diphenylamine	6670	5590		ug/Kg		84	78 - 133
Fluoranthene	6670	5040		ug/Kg		76	63 - 101
Fluorene	6670	5090		ug/Kg		76	62 - 96
Hexachlorobenzene	6670	5350		ug/Kg		80	62 - 106
Hexachlorobutadiene	6670	5760		ug/Kg		86	57 - 94
Hexachlorocyclopentadiene	6670	7120		ug/Kg		107	40 - 115
Hexachloroethane	6670	5620		ug/Kg		84	59 - 93
Indeno[1,2,3-cd]pyrene	6670	6330		ug/Kg		95	65 - 120
Isophorone	6670	5260		ug/Kg		79	57 - 86
Naphthalene	6670	5300		ug/Kg		80	60 - 90
Nitrobenzene	6670	5820		ug/Kg		87	58 - 95
N-Nitrosodi-n-propylamine	6670	5430		ug/Kg		81	60 - 104
Pentachlorophenol	6670	5410		ug/Kg		81	50 - 100
Phenanthrene	6670	4940		ug/Kg		74	63 - 99
Phenol	6670	5350		ug/Kg		80	53 - 89
Pyrene	6670	5710		ug/Kg		86	64 - 102
N-Nitrosodiphenylamine	6670	6540		ug/Kg		98	78 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*83*		*56 - 97*
2-Fluorophenol (Surr)	*90*		*53 - 97*
Nitrobenzene-d5 (Surr)	*87*		*55 - 98*
Phenol-d5 (Surr)	*80*		*54 - 101*
Terphenyl-d14 (Surr)	*79*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*81*		*46 - 111*

Lab Sample ID: 160-13510-11 MS
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		7860	6340		ug/Kg	☼	81	51 - 87
1,2-Dichlorobenzene	ND		7860	6210		ug/Kg	☼	79	46 - 85
1,3-Dichlorobenzene	ND		7860	6080		ug/Kg	☼	77	42 - 84
1,4-Dichlorobenzene	ND		7860	6060		ug/Kg	☼	77	45 - 83
2,4,5-Trichlorophenol	ND		7860	6220		ug/Kg	☼	79	55 - 95
2,4,6-Trichlorophenol	ND		7860	6390		ug/Kg	☼	81	48 - 98

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

Lab Sample ID: 160-13510-11 MS
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dichlorophenol	ND		7860	5990		ug/Kg	☼	76	47 - 94
2,4-Dimethylphenol	ND		7860	5880		ug/Kg	☼	75	33 - 109
2,4-Dinitrophenol	ND	*	7860	2680		ug/Kg	☼	34	13 - 103
2,4-Dinitrotoluene	ND		7860	6050		ug/Kg	☼	77	55 - 108
2,6-Dinitrotoluene	ND		7860	6060		ug/Kg	☼	77	58 - 101
2-Chloronaphthalene	ND		7860	6580		ug/Kg	☼	84	55 - 92
2-Chlorophenol	ND		7860	6090		ug/Kg	☼	77	47 - 90
2-Methylnaphthalene	ND		7860	5750		ug/Kg	☼	73	52 - 88
2-Nitroaniline	ND		7860	6180		ug/Kg	☼	79	52 - 108
3,3'-Dichlorobenzidine	ND		7860	5780		ug/Kg	☼	73	10 - 84
3-Nitroaniline	ND		7860	5580		ug/Kg	☼	71	44 - 103
4-Nitroaniline	ND		7860	5790		ug/Kg	☼	74	43 - 102
4-Nitrophenol	ND		7860	5150		ug/Kg	☼	65	48 - 105
Acenaphthene	ND		7860	5940		ug/Kg	☼	76	57 - 94
Acenaphthylene	ND		7860	6000		ug/Kg	☼	76	57 - 97
Anthracene	ND		7860	5680		ug/Kg	☼	72	58 - 99
Benzo[a]anthracene	ND		7860	6170		ug/Kg	☼	78	68 - 114
Benzo[a]pyrene	ND		7860	6230		ug/Kg	☼	79	61 - 102
Benzo[b]fluoranthene	ND		7860	6100		ug/Kg	☼	78	63 - 107
Benzo[k]fluoranthene	ND		7860	5990		ug/Kg	☼	76	65 - 108
bis (2-chloroisopropyl) ether	ND		7860	5980		ug/Kg	☼	76	42 - 97
Bis(2-chloroethyl)ether	ND		7860	5660		ug/Kg	☼	72	50 - 88
Bis(2-ethylhexyl) phthalate	ND		7860	6340		ug/Kg	☼	81	60 - 110
Butyl benzyl phthalate	ND		7860	6490		ug/Kg	☼	83	56 - 110
Chrysene	ND		7860	5780		ug/Kg	☼	74	61 - 100
Dibenz(a,h)anthracene	ND		7860	6670		ug/Kg	☼	85	59 - 118
Dibenzofuran	ND		7860	5630		ug/Kg	☼	72	55 - 93
Diethyl phthalate	ND		7860	5590		ug/Kg	☼	71	58 - 100
Dimethyl phthalate	ND		7860	5910		ug/Kg	☼	75	59 - 100
Di-n-butyl phthalate	ND		7860	5700		ug/Kg	☼	73	58 - 106
Di-n-octyl phthalate	ND		7860	6440		ug/Kg	☼	82	58 - 113
Diphenylamine	ND		7860	6190		ug/Kg	☼	79	52 - 131
Fluoranthene	ND		7860	5560		ug/Kg	☼	71	58 - 103
Fluorene	ND		7860	5700		ug/Kg	☼	73	58 - 97
Hexachlorobenzene	ND		7860	5880		ug/Kg	☼	75	59 - 105
Hexachlorobutadiene	ND		7860	6410		ug/Kg	☼	82	47 - 89
Hexachlorocyclopentadiene	ND		7860	8150		ug/Kg	☼	104	17 - 112
Hexachloroethane	ND		7860	6250		ug/Kg	☼	79	43 - 88
Indeno[1,2,3-cd]pyrene	ND		7860	6890		ug/Kg	☼	88	56 - 123
Isophorone	ND		7860	5820		ug/Kg	☼	74	52 - 84
Naphthalene	ND		7860	5920		ug/Kg	☼	75	52 - 86
Nitrobenzene	ND		7860	6510		ug/Kg	☼	83	52 - 90
N-Nitrosodi-n-propylamine	ND		7860	6070		ug/Kg	☼	77	55 - 99
Pentachlorophenol	ND		7860	6160		ug/Kg	☼	78	35 - 104
Phenanthrene	ND		7860	5550		ug/Kg	☼	71	60 - 98
Phenol	ND		7860	5880		ug/Kg	☼	75	43 - 90
Pyrene	ND		7860	6350		ug/Kg	☼	81	53 - 106
N-Nitrosodiphenylamine	ND		7860	7240		ug/Kg	☼	92	52 - 131

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

Lab Sample ID: 160-13510-11 MS
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	79		56 - 97
2-Fluorophenol (Surr)	85		53 - 97
Nitrobenzene-d5 (Surr)	83		55 - 98
Phenol-d5 (Surr)	76		54 - 101
Terphenyl-d14 (Surr)	75		58 - 123
2,4,6-Tribromophenol (Surr)	76		46 - 111

Lab Sample ID: 160-13510-11 MSD
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		7830	6140		ug/Kg	☼	78	51 - 87	3	30
1,2-Dichlorobenzene	ND		7830	6110		ug/Kg	☼	78	46 - 85	2	30
1,3-Dichlorobenzene	ND		7830	5990		ug/Kg	☼	77	42 - 84	2	30
1,4-Dichlorobenzene	ND		7830	5860		ug/Kg	☼	75	45 - 83	3	30
2,4,5-Trichlorophenol	ND		7830	5990		ug/Kg	☼	77	55 - 95	4	30
2,4,6-Trichlorophenol	ND		7830	6210		ug/Kg	☼	79	48 - 98	3	30
2,4-Dichlorophenol	ND		7830	5870		ug/Kg	☼	75	47 - 94	2	30
2,4-Dimethylphenol	ND		7830	5850		ug/Kg	☼	75	33 - 109	1	30
2,4-Dinitrophenol	ND	*	7830	2190		ug/Kg	☼	28	13 - 103	20	30
2,4-Dinitrotoluene	ND		7830	5730		ug/Kg	☼	73	55 - 108	5	30
2,6-Dinitrotoluene	ND		7830	5930		ug/Kg	☼	76	58 - 101	2	30
2-Chloronaphthalene	ND		7830	6520		ug/Kg	☼	83	55 - 92	1	30
2-Chlorophenol	ND		7830	6030		ug/Kg	☼	77	47 - 90	1	30
2-Methylnaphthalene	ND		7830	5640		ug/Kg	☼	72	52 - 88	2	30
2-Nitroaniline	ND		7830	6020		ug/Kg	☼	77	52 - 108	3	30
3,3'-Dichlorobenzidine	ND		7830	5810		ug/Kg	☼	74	10 - 84	1	30
3-Nitroaniline	ND		7830	5620		ug/Kg	☼	72	44 - 103	1	30
4-Nitroaniline	ND		7830	5420		ug/Kg	☼	69	43 - 102	7	30
4-Nitrophenol	ND		7830	5220		ug/Kg	☼	67	48 - 105	1	30
Acenaphthene	ND		7830	5790		ug/Kg	☼	74	57 - 94	3	30
Acenaphthylene	ND		7830	5900		ug/Kg	☼	75	57 - 97	2	30
Anthracene	ND		7830	5630		ug/Kg	☼	72	58 - 99	1	30
Benzo[a]anthracene	ND		7830	6130		ug/Kg	☼	78	68 - 114	1	30
Benzo[a]pyrene	ND		7830	6330		ug/Kg	☼	81	61 - 102	2	30
Benzo[b]fluoranthene	ND		7830	6100		ug/Kg	☼	78	63 - 107	0	30
Benzo[k]fluoranthene	ND		7830	5800		ug/Kg	☼	74	65 - 108	3	30
bis (2-chloroisopropyl) ether	ND		7830	6010		ug/Kg	☼	77	42 - 97	1	30
Bis(2-chloroethyl)ether	ND		7830	5640		ug/Kg	☼	72	50 - 88	0	30
Bis(2-ethylhexyl) phthalate	ND		7830	6350		ug/Kg	☼	81	60 - 110	0	30
Butyl benzyl phthalate	ND		7830	6490		ug/Kg	☼	83	56 - 110	0	30
Chrysene	ND		7830	5770		ug/Kg	☼	74	61 - 100	0	30
Dibenz(a,h)anthracene	ND		7830	6690		ug/Kg	☼	85	59 - 118	0	30
Dibenzofuran	ND		7830	5560		ug/Kg	☼	71	55 - 93	1	30
Diethyl phthalate	ND		7830	5430		ug/Kg	☼	69	58 - 100	3	30
Dimethyl phthalate	ND		7830	5760		ug/Kg	☼	74	59 - 100	3	30
Di-n-butyl phthalate	ND		7830	5620		ug/Kg	☼	72	58 - 106	1	30

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

Lab Sample ID: 160-13510-11 MSD
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Di-n-octyl phthalate	ND		7830	6380		ug/Kg	☼	82	58 - 113	1	30
Diphenylamine	ND		7830	6250		ug/Kg	☼	80	52 - 131	1	30
Fluoranthene	ND		7830	5570		ug/Kg	☼	71	58 - 103	0	30
Fluorene	ND		7830	5520		ug/Kg	☼	71	58 - 97	3	30
Hexachlorobenzene	ND		7830	5860		ug/Kg	☼	75	59 - 105	0	30
Hexachlorobutadiene	ND		7830	6430		ug/Kg	☼	82	47 - 89	0	30
Hexachlorocyclopentadiene	ND		7830	8020		ug/Kg	☼	102	17 - 112	2	30
Hexachloroethane	ND		7830	6250		ug/Kg	☼	80	43 - 88	0	30
Indeno[1,2,3-cd]pyrene	ND		7830	7280		ug/Kg	☼	93	56 - 123	5	30
Isophorone	ND		7830	5700		ug/Kg	☼	73	52 - 84	2	30
Naphthalene	ND		7830	5890		ug/Kg	☼	75	52 - 86	1	30
Nitrobenzene	ND		7830	6430		ug/Kg	☼	82	52 - 90	1	30
N-Nitrosodi-n-propylamine	ND		7830	6050		ug/Kg	☼	77	55 - 99	0	30
Pentachlorophenol	ND		7830	6250		ug/Kg	☼	80	35 - 104	1	30
Phenanthrene	ND		7830	5570		ug/Kg	☼	71	60 - 98	0	30
Phenol	ND		7830	5850		ug/Kg	☼	75	43 - 90	1	30
Pyrene	ND		7830	6270		ug/Kg	☼	80	53 - 106	1	30
N-Nitrosodiphenylamine	ND		7830	7310		ug/Kg	☼	93	52 - 131	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*56 - 97*
2-Fluorophenol (Surr)	*85*		*53 - 97*
Nitrobenzene-d5 (Surr)	*85*		*55 - 98*
Phenol-d5 (Surr)	*78*		*54 - 101*
Terphenyl-d14 (Surr)	*76*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*76*		*46 - 111*

Lab Sample ID: 160-13510-18 MS
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		6970	5870		ug/Kg	☼	84	51 - 87
1,2-Dichlorobenzene	ND		6970	5710		ug/Kg	☼	82	46 - 85
1,3-Dichlorobenzene	ND		6970	5680		ug/Kg	☼	82	42 - 84
1,4-Dichlorobenzene	ND		6970	5540		ug/Kg	☼	79	45 - 83
2,4,5-Trichlorophenol	ND		6970	5560		ug/Kg	☼	80	55 - 95
2,4,6-Trichlorophenol	ND		6970	5780		ug/Kg	☼	83	48 - 98
2,4-Dichlorophenol	ND		6970	5420		ug/Kg	☼	78	47 - 94
2,4-Dimethylphenol	ND		6970	5350		ug/Kg	☼	77	33 - 109
2,4-Dinitrophenol	ND	* F2	6970	2040		ug/Kg	☼	29	13 - 103
2,4-Dinitrotoluene	ND		6970	5120		ug/Kg	☼	73	55 - 108
2,6-Dinitrotoluene	ND		6970	5430		ug/Kg	☼	78	58 - 101
2-Chloronaphthalene	ND		6970	6120		ug/Kg	☼	88	55 - 92
2-Chlorophenol	ND		6970	5720		ug/Kg	☼	82	47 - 90
2-Methylnaphthalene	ND		6970	5250		ug/Kg	☼	75	52 - 88
2-Nitroaniline	ND		6970	5530		ug/Kg	☼	79	52 - 108
3,3'-Dichlorobenzidine	ND		6970	4980		ug/Kg	☼	71	10 - 84

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

Lab Sample ID: 160-13510-18 MS
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	ND		6970	4770		ug/Kg	☼	68	44 - 103
4-Nitroaniline	ND		6970	4860		ug/Kg	☼	70	43 - 102
4-Nitrophenol	ND		6970	4660		ug/Kg	☼	67	48 - 105
Acenaphthene	ND		6970	5360		ug/Kg	☼	77	57 - 94
Acenaphthylene	ND		6970	5470		ug/Kg	☼	78	57 - 97
Anthracene	ND		6970	5130		ug/Kg	☼	74	58 - 99
Benzo[a]anthracene	ND		6970	5660		ug/Kg	☼	81	68 - 114
Benzo[a]pyrene	ND		6970	5800		ug/Kg	☼	83	61 - 102
Benzo[b]fluoranthene	ND		6970	5760		ug/Kg	☼	83	63 - 107
Benzo[k]fluoranthene	ND		6970	5350		ug/Kg	☼	77	65 - 108
bis (2-chloroisopropyl) ether	ND		6970	5540		ug/Kg	☼	79	42 - 97
Bis(2-chloroethyl)ether	ND		6970	5300		ug/Kg	☼	76	50 - 88
Bis(2-ethylhexyl) phthalate	ND		6970	5880		ug/Kg	☼	84	60 - 110
Butyl benzyl phthalate	ND		6970	6000		ug/Kg	☼	86	56 - 110
Chrysene	ND		6970	5380		ug/Kg	☼	77	61 - 100
Dibenz(a,h)anthracene	ND		6970	6220		ug/Kg	☼	89	59 - 118
Dibenzofuran	ND		6970	5140		ug/Kg	☼	74	55 - 93
Diethyl phthalate	ND		6970	4890		ug/Kg	☼	70	58 - 100
Dimethyl phthalate	ND		6970	5280		ug/Kg	☼	76	59 - 100
Di-n-butyl phthalate	ND		6970	5120		ug/Kg	☼	74	58 - 106
Di-n-octyl phthalate	ND		6970	5990		ug/Kg	☼	86	58 - 113
Diphenylamine	ND		6970	5740		ug/Kg	☼	82	52 - 131
Fluoranthene	ND		6970	5060		ug/Kg	☼	73	58 - 103
Fluorene	ND		6970	5000		ug/Kg	☼	72	58 - 97
Hexachlorobenzene	ND		6970	5440		ug/Kg	☼	78	59 - 105
Hexachlorobutadiene	ND		6970	6070		ug/Kg	☼	87	47 - 89
Hexachlorocyclopentadiene	ND		6970	7480		ug/Kg	☼	107	17 - 112
Hexachloroethane	ND		6970	5810		ug/Kg	☼	83	43 - 88
Indeno[1,2,3-cd]pyrene	ND		6970	6610		ug/Kg	☼	95	56 - 123
Isophorone	ND		6970	5340		ug/Kg	☼	77	52 - 84
Naphthalene	ND		6970	5430		ug/Kg	☼	78	52 - 86
Nitrobenzene	ND		6970	6000		ug/Kg	☼	86	52 - 90
N-Nitrosodi-n-propylamine	ND		6970	5670		ug/Kg	☼	81	55 - 99
Pentachlorophenol	ND		6970	4970		ug/Kg	☼	71	35 - 104
Phenanthrene	ND		6970	5070		ug/Kg	☼	73	60 - 98
Phenol	ND		6970	5440		ug/Kg	☼	78	43 - 90
Pyrene	ND		6970	5850		ug/Kg	☼	84	53 - 106
N-Nitrosodiphenylamine	ND		6970	6710		ug/Kg	☼	96	52 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*85*		*56 - 97*
2-Fluorophenol (Surr)	*95*		*53 - 97*
Nitrobenzene-d5 (Surr)	*88*		*55 - 98*
Phenol-d5 (Surr)	*80*		*54 - 101*
Terphenyl-d14 (Surr)	*80*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*76*		*46 - 111*

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

Lab Sample ID: 160-13510-18 MSD
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		7000	5790		ug/Kg	☼	83	51 - 87	1	30
1,2-Dichlorobenzene	ND		7000	5750		ug/Kg	☼	82	46 - 85	1	30
1,3-Dichlorobenzene	ND		7000	5560		ug/Kg	☼	79	42 - 84	2	30
1,4-Dichlorobenzene	ND		7000	5470		ug/Kg	☼	78	45 - 83	1	30
2,4,5-Trichlorophenol	ND		7000	5540		ug/Kg	☼	79	55 - 95	0	30
2,4,6-Trichlorophenol	ND		7000	5650		ug/Kg	☼	81	48 - 98	2	30
2,4-Dichlorophenol	ND		7000	5480		ug/Kg	☼	78	47 - 94	1	30
2,4-Dimethylphenol	ND		7000	5420		ug/Kg	☼	77	33 - 109	1	30
2,4-Dinitrophenol	ND	* F2	7000	1340	J F2	ug/Kg	☼	19	13 - 103	41	30
2,4-Dinitrotoluene	ND		7000	5140		ug/Kg	☼	73	55 - 108	0	30
2,6-Dinitrotoluene	ND		7000	5400		ug/Kg	☼	77	58 - 101	1	30
2-Chloronaphthalene	ND		7000	6000		ug/Kg	☼	86	55 - 92	2	30
2-Chlorophenol	ND		7000	5680		ug/Kg	☼	81	47 - 90	1	30
2-Methylnaphthalene	ND		7000	5310		ug/Kg	☼	76	52 - 88	1	30
2-Nitroaniline	ND		7000	5640		ug/Kg	☼	81	52 - 108	2	30
3,3'-Dichlorobenzidine	ND		7000	5030		ug/Kg	☼	72	10 - 84	1	30
3-Nitroaniline	ND		7000	4670		ug/Kg	☼	67	44 - 103	2	30
4-Nitroaniline	ND		7000	4670		ug/Kg	☼	67	43 - 102	4	30
4-Nitrophenol	ND		7000	4580		ug/Kg	☼	65	48 - 105	2	30
Acenaphthene	ND		7000	5280		ug/Kg	☼	75	57 - 94	2	30
Acenaphthylene	ND		7000	5380		ug/Kg	☼	77	57 - 97	2	30
Anthracene	ND		7000	5090		ug/Kg	☼	73	58 - 99	1	30
Benzo[a]anthracene	ND		7000	5550		ug/Kg	☼	79	68 - 114	2	30
Benzo[a]pyrene	ND		7000	5710		ug/Kg	☼	82	61 - 102	2	30
Benzo[b]fluoranthene	ND		7000	5690		ug/Kg	☼	81	63 - 107	1	30
Benzo[k]fluoranthene	ND		7000	5280		ug/Kg	☼	76	65 - 108	1	30
bis (2-chloroisopropyl) ether	ND		7000	5550		ug/Kg	☼	79	42 - 97	0	30
Bis(2-chloroethyl)ether	ND		7000	5260		ug/Kg	☼	75	50 - 88	1	30
Bis(2-ethylhexyl) phthalate	ND		7000	5750		ug/Kg	☼	82	60 - 110	2	30
Butyl benzyl phthalate	ND		7000	5890		ug/Kg	☼	84	56 - 110	2	30
Chrysene	ND		7000	5280		ug/Kg	☼	75	61 - 100	2	30
Dibenz(a,h)anthracene	ND		7000	6300		ug/Kg	☼	90	59 - 118	1	30
Dibenzofuran	ND		7000	5030		ug/Kg	☼	72	55 - 93	2	30
Diethyl phthalate	ND		7000	4780		ug/Kg	☼	68	58 - 100	2	30
Dimethyl phthalate	ND		7000	5230		ug/Kg	☼	75	59 - 100	1	30
Di-n-butyl phthalate	ND		7000	5080		ug/Kg	☼	73	58 - 106	1	30
Di-n-octyl phthalate	ND		7000	5830		ug/Kg	☼	83	58 - 113	3	30
Diphenylamine	ND		7000	5760		ug/Kg	☼	82	52 - 131	0	30
Fluoranthene	ND		7000	4960		ug/Kg	☼	71	58 - 103	2	30
Fluorene	ND		7000	5080		ug/Kg	☼	73	58 - 97	2	30
Hexachlorobenzene	ND		7000	5490		ug/Kg	☼	78	59 - 105	1	30
Hexachlorobutadiene	ND		7000	5970		ug/Kg	☼	85	47 - 89	2	30
Hexachlorocyclopentadiene	ND		7000	7290		ug/Kg	☼	104	17 - 112	2	30
Hexachloroethane	ND		7000	5840		ug/Kg	☼	83	43 - 88	0	30
Indeno[1,2,3-cd]pyrene	ND		7000	6530		ug/Kg	☼	93	56 - 123	1	30
Isophorone	ND		7000	5380		ug/Kg	☼	77	52 - 84	1	30
Naphthalene	ND		7000	5400		ug/Kg	☼	77	52 - 86	0	30
Nitrobenzene	ND		7000	6000		ug/Kg	☼	86	52 - 90	0	30

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

Lab Sample ID: 160-13510-18 MSD
Matrix: Solid
Analysis Batch: 210530

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 208698

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine	ND		7000	5710		ug/Kg	☼	82	55 - 99	1	30
Pentachlorophenol	ND		7000	4840		ug/Kg	☼	69	35 - 104	3	30
Phenanthrene	ND		7000	5040		ug/Kg	☼	72	60 - 98	1	30
Phenol	ND		7000	5450		ug/Kg	☼	78	43 - 90	0	30
Pyrene	ND		7000	5710		ug/Kg	☼	82	53 - 106	3	30
N-Nitrosodiphenylamine	ND		7000	6730		ug/Kg	☼	96	52 - 131	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*85*		*56 - 97*
2-Fluorophenol (Surr)	*95*		*53 - 97*
Nitrobenzene-d5 (Surr)	*91*		*55 - 98*
Phenol-d5 (Surr)	*81*		*54 - 101*
Terphenyl-d14 (Surr)	*78*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*76*		*46 - 111*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 160-207311/1-A
Matrix: Solid
Analysis Batch: 208116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
1,3-Dinitrobenzene	ND		250	44	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
2,4,6-Trinitrotoluene	ND		250	36	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
2,4-Dinitrotoluene	ND		250	38	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
2,6-Dinitrotoluene	ND		250	64	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
3-Nitrotoluene	ND		250	56	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
Nitroglycerin	ND		1300	270	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
RDX	ND		250	62	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
HMX	ND		250	39	ug/Kg		08/24/15 08:40	08/29/15 18:23	1
Tetryl	ND		250	46	ug/Kg		08/24/15 08:40	08/29/15 18:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*105*		*79 - 120*	*08/24/15 08:40*	*08/29/15 18:23*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: LCS 160-207311/2-A
Matrix: Solid
Analysis Batch: 208116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	4000	4190		ug/Kg		105	75 - 115
1,3-Dinitrobenzene	4000	3900		ug/Kg		98	82 - 112
2,4,6-Trinitrotoluene	4000	3660		ug/Kg		92	80 - 113
2,4-Dinitrotoluene	4000	3890		ug/Kg		97	78 - 114
2,6-Dinitrotoluene	4000	4160		ug/Kg		104	80 - 108
2-Amino-4,6-dinitrotoluene	4000	4300		ug/Kg		107	77 - 113
4-Amino-2,6-dinitrotoluene	4000	4750		ug/Kg		119	75 - 125
3-Nitrotoluene	4000	3860		ug/Kg		96	77 - 113
Nitrobenzene	4000	3950		ug/Kg		99	82 - 109
Nitroglycerin	10000	9000		ug/Kg		90	76 - 107
2-Nitrotoluene	4000	3880		ug/Kg		97	78 - 109
4-Nitrotoluene	4000	3950		ug/Kg		99	80 - 109
PETN	10000	8920		ug/Kg		89	60 - 135
RDX	4000	3750		ug/Kg		94	83 - 107
HMX	4000	3860		ug/Kg		97	79 - 109
Tetryl	4000	2360		ug/Kg		59	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*96*		*79 - 120*

Lab Sample ID: MB 160-207312/1-A
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207312

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		250	27	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
1,3-Dinitrobenzene	ND		250	44	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
2,4,6-Trinitrotoluene	ND		250	36	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
2,4-Dinitrotoluene	ND		250	38	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
2,6-Dinitrotoluene	ND		250	64	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
2-Amino-4,6-dinitrotoluene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
4-Amino-2,6-dinitrotoluene	ND		250	93	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
3-Nitrotoluene	ND		250	56	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
Nitrobenzene	ND		250	43	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
Nitroglycerin	ND		1300	270	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
2-Nitrotoluene	ND		250	65	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
4-Nitrotoluene	ND		250	81	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
PETN	ND		2500	340	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
RDX	ND		250	62	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
HMX	ND		250	39	ug/Kg		08/24/15 08:45	08/30/15 11:58	1
Tetryl	ND		250	46	ug/Kg		08/24/15 08:45	08/30/15 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*102*		*79 - 120*	*08/24/15 08:45*	*08/30/15 11:58*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: LCS 160-207312/2-A
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207312

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	4000	4020		ug/Kg		101	75 - 115
1,3-Dinitrobenzene	4000	3840		ug/Kg		96	82 - 112
2,4,6-Trinitrotoluene	4000	3490		ug/Kg		87	80 - 113
2,4-Dinitrotoluene	4000	3900		ug/Kg		98	78 - 114
2,6-Dinitrotoluene	4000	3870		ug/Kg		97	80 - 108
2-Amino-4,6-dinitrotoluene	4000	3950		ug/Kg		99	77 - 113
4-Amino-2,6-dinitrotoluene	4000	4350		ug/Kg		109	75 - 125
3-Nitrotoluene	4000	4280		ug/Kg		107	77 - 113
Nitrobenzene	4000	3930		ug/Kg		98	82 - 109
Nitroglycerin	10000	8570		ug/Kg		86	76 - 107
2-Nitrotoluene	4000	3770		ug/Kg		94	78 - 109
4-Nitrotoluene	4000	3900		ug/Kg		97	80 - 109
PETN	10000	8510		ug/Kg		85	60 - 135
RDX	4000	3820		ug/Kg		95	83 - 107
HMX	4000	3880		ug/Kg		97	79 - 109
Tetryl	4000	2910		ug/Kg		73	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*98*		*79 - 120*

Lab Sample ID: 160-13510-11 MS
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 207312

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	ND		3940	4000		ug/Kg		101	78 - 114
1,3-Dinitrobenzene	ND		3940	3870		ug/Kg		98	84 - 112
2,4,6-Trinitrotoluene	ND		3940	3300		ug/Kg		84	75 - 121
2,4-Dinitrotoluene	ND		3940	3750		ug/Kg		95	83 - 111
2,6-Dinitrotoluene	ND		3940	3720		ug/Kg		94	75 - 115
2-Amino-4,6-dinitrotoluene	ND		3940	3700		ug/Kg		94	68 - 128
4-Amino-2,6-dinitrotoluene	ND		3940	4150		ug/Kg		105	65 - 137
3-Nitrotoluene	ND		3940	3770		ug/Kg		96	82 - 111
Nitrobenzene	ND		3940	3810		ug/Kg		96	82 - 110
Nitroglycerin	ND		9860	9760		ug/Kg		99	64 - 121
2-Nitrotoluene	ND		3940	3720		ug/Kg		94	81 - 110
4-Nitrotoluene	ND		3940	3740		ug/Kg		95	81 - 113
PETN	ND		9860	8610		ug/Kg		87	66 - 128
RDX	ND		3940	3370		ug/Kg		85	53 - 123
HMX	ND		3940	3700		ug/Kg		94	54 - 140
Tetryl	ND		3940	2480		ug/Kg		63	53 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*105*		*79 - 120*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: 160-13510-11 MSD
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: 2015.08.18 SB SB-4 (0-2)
Prep Type: Total/NA
Prep Batch: 207312

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trinitrobenzene	ND		3820	4020		ug/Kg		105	78 - 114	0	30
1,3-Dinitrobenzene	ND		3820	3750		ug/Kg		98	84 - 112	3	30
2,4,6-Trinitrotoluene	ND		3820	3490		ug/Kg		91	75 - 121	5	30
2,4-Dinitrotoluene	ND		3820	3440		ug/Kg		90	83 - 111	9	30
2,6-Dinitrotoluene	ND		3820	3540		ug/Kg		93	75 - 115	5	30
2-Amino-4,6-dinitrotoluene	ND		3820	3660		ug/Kg		96	68 - 128	1	30
4-Amino-2,6-dinitrotoluene	ND		3820	4030		ug/Kg		105	65 - 137	3	30
3-Nitrotoluene	ND		3820	3690		ug/Kg		97	82 - 111	2	30
Nitrobenzene	ND		3820	3860		ug/Kg		101	82 - 110	1	30
Nitroglycerin	ND		9550	8460		ug/Kg		89	64 - 121	14	30
2-Nitrotoluene	ND		3820	3880		ug/Kg		102	81 - 110	4	30
4-Nitrotoluene	ND		3820	3780		ug/Kg		99	81 - 113	1	30
PETN	ND		9550	9520		ug/Kg		100	66 - 128	10	30
RDX	ND		3820	3300		ug/Kg		86	53 - 123	2	30
HMX	ND		3820	3670		ug/Kg		96	54 - 140	1	30
Tetryl	ND		3820	2660		ug/Kg		70	53 - 125	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*100*		*79 - 120*

Lab Sample ID: 160-13510-18 MS
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 207312

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	ND		3970	4090		ug/Kg		103	78 - 114
1,3-Dinitrobenzene	ND		3970	3740		ug/Kg		94	84 - 112
2,4,6-Trinitrotoluene	ND		3970	3410		ug/Kg		86	75 - 121
2,4-Dinitrotoluene	ND		3970	3850		ug/Kg		97	83 - 111
2,6-Dinitrotoluene	ND		3970	3840		ug/Kg		97	75 - 115
2-Amino-4,6-dinitrotoluene	ND		3970	3840		ug/Kg		97	68 - 128
4-Amino-2,6-dinitrotoluene	ND		3970	4710		ug/Kg		119	65 - 137
3-Nitrotoluene	ND		3970	3810		ug/Kg		96	82 - 111
Nitrobenzene	ND		3970	3790		ug/Kg		95	82 - 110
Nitroglycerin	ND		9940	8870		ug/Kg		89	64 - 121
2-Nitrotoluene	ND		3970	3760		ug/Kg		95	81 - 110
4-Nitrotoluene	ND		3970	3770		ug/Kg		95	81 - 113
PETN	ND		9940	8880		ug/Kg		89	66 - 128
RDX	ND		3970	3340		ug/Kg		84	53 - 123
HMX	ND		3970	3910		ug/Kg		98	54 - 140
Tetryl	ND	F1	3970	1850	F1	ug/Kg		46	53 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*104*		*79 - 120*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: 160-13510-18 MSD
Matrix: Solid
Analysis Batch: 208467

Client Sample ID: 2015.08.18 SB-6 (0-2)
Prep Type: Total/NA
Prep Batch: 207312

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trinitrobenzene	ND		3650	3800		ug/Kg		104	78 - 114	7	30
1,3-Dinitrobenzene	ND		3650	3560		ug/Kg		98	84 - 112	5	30
2,4,6-Trinitrotoluene	ND		3650	3100		ug/Kg		85	75 - 121	9	30
2,4-Dinitrotoluene	ND		3650	3600		ug/Kg		99	83 - 111	7	30
2,6-Dinitrotoluene	ND		3650	3480		ug/Kg		95	75 - 115	10	30
2-Amino-4,6-dinitrotoluene	ND		3650	3520		ug/Kg		97	68 - 128	9	30
4-Amino-2,6-dinitrotoluene	ND		3650	4200		ug/Kg		115	65 - 137	11	30
3-Nitrotoluene	ND		3650	3760		ug/Kg		103	82 - 111	1	30
Nitrobenzene	ND		3650	3640		ug/Kg		100	82 - 110	4	30
Nitroglycerin	ND		9120	7830		ug/Kg		86	64 - 121	12	30
2-Nitrotoluene	ND		3650	3580		ug/Kg		98	81 - 110	5	30
4-Nitrotoluene	ND		3650	3630		ug/Kg		100	81 - 113	4	30
PETN	ND		9120	8610		ug/Kg		94	66 - 128	3	30
RDX	ND		3650	3170		ug/Kg		87	53 - 123	5	30
HMX	ND		3650	3680		ug/Kg		101	54 - 140	6	30
Tetryl	ND	F1	3650	1990		ug/Kg		54	53 - 125	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*100*		*79 - 120*

QC Association Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

GC/MS VOA

Analysis Batch: 207384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-22	20150820 TRIP02-1	Total/NA	Water	8260C	
160-13510-23	20150820 TRIP02-2	Total/NA	Water	8260C	
160-13510-24	20150820 TRIP02-3	Total/NA	Water	8260C	
160-13510-25	20150820 TRIP02-4	Total/NA	Water	8260C	
LCS 160-207384/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 160-207384/5	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 160-207384/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 208216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	8260C	208225
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	8260C	208225
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	8260C	208225
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	8260C	208225
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	8260C	208225
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	8260C	208225
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	8260C	208225
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	8260C	208225
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	8260C	208225
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	8260C	208225
LCS 160-208225/2-A	Lab Control Sample	Total/NA	Solid	8260C	208225
LCSD 160-208225/3-A	Lab Control Sample Dup	Total/NA	Solid	8260C	208225
MB 160-208225/1-A	Method Blank	Total/NA	Solid	8260C	208225

Prep Batch: 208225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	5035	
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	5035	
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	5035	
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	5035	
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	5035	
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	5035	
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	5035	
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	5035	
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	5035	
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	5035	
LCS 160-208225/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 160-208225/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 160-208225/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 208473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	5035	
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	5035	
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	5035	
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	5035	
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	5035	
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	5035	
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	5035	
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	5035	
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 208473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	5035	
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	5035	
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	5035	
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	5035	
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	5035	
160-13510-21	2015.08.18 I3	Total/NA	Solid	5035	
LCS 160-208473/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 160-208473/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 160-208473/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 208474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8260C	208473
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8260C	208473
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8260C	208473
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	8260C	208473
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	8260C	208473
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	8260C	208473
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	8260C	208473
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	8260C	208473
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	8260C	208473
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8260C	208473
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8260C	208473
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8260C	208473
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	8260C	208473
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	8260C	208473
160-13510-21	2015.08.18 I3	Total/NA	Solid	8260C	208473
LCS 160-208473/2-A	Lab Control Sample	Total/NA	Solid	8260C	208473
LCSD 160-208473/3-A	Lab Control Sample Dup	Total/NA	Solid	8260C	208473
MB 160-208473/1-A	Method Blank	Total/NA	Solid	8260C	208473

GC/MS Semi VOA

Prep Batch: 208680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	3550C	
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	3550C	
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	3550C	
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	3550C	
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	3550C	
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	3550C	
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	3550C	
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	3550C	
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	3550C	
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	3550C	
LCS 160-208680/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 160-208680/1-A	Method Blank	Total/NA	Solid	3550C	

GC/MS Semi VOA (Continued)

Prep Batch: 208698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	3550C	
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	3550C	
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	3550C	
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	3550C	
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	3550C	
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	3550C	
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	3550C	
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	3550C	
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	3550C	
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	3550C	
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	3550C	
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	3550C	
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	3550C	
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	3550C	
160-13510-21	2015.08.18 I3	Total/NA	Solid	3550C	
LCS 160-208698/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 160-208698/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 209455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	8270D	208680
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	8270D	208680
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	8270D	208680
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	8270D	208680
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	8270D	208680
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	8270D	208680
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	8270D	208680
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	8270D	208680
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	8270D	208680
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	8270D	208680
LCS 160-208680/2-A	Lab Control Sample	Total/NA	Solid	8270D	208680
MB 160-208680/1-A	Method Blank	Total/NA	Solid	8270D	208680

Analysis Batch: 210530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8270D	208698
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8270D	208698
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8270D	208698
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	8270D	208698
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	8270D	208698
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	8270D	208698
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	8270D	208698
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	8270D	208698
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	8270D	208698
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8270D	208698
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8270D	208698
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8270D	208698
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	8270D	208698
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	8270D	208698
160-13510-21	2015.08.18 I3	Total/NA	Solid	8270D	208698
LCS 160-208698/2-A	Lab Control Sample	Total/NA	Solid	8270D	208698

QC Association Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

GC/MS Semi VOA (Continued)

Analysis Batch: 210530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 160-208698/1-A	Method Blank	Total/NA	Solid	8270D	208698

HPLC/IC

Prep Batch: 207311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	SHAKE	
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	SHAKE	
LCS 160-207311/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
MB 160-207311/1-A	Method Blank	Total/NA	Solid	SHAKE	

Prep Batch: 207312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	SHAKE	
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	SHAKE	
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	SHAKE	
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	SHAKE	
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	SHAKE	
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	SHAKE	
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	SHAKE	
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	SHAKE	
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	SHAKE	
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	SHAKE	
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	SHAKE	
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	SHAKE	
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	SHAKE	
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	SHAKE	
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	SHAKE	
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	SHAKE	
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	SHAKE	
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	SHAKE	
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	SHAKE	
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	SHAKE	
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	SHAKE	
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	SHAKE	
160-13510-21	2015.08.18 I3	Total/NA	Solid	SHAKE	
LCS 160-207312/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
MB 160-207312/1-A	Method Blank	Total/NA	Solid	SHAKE	

Analysis Batch: 208116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	8330B	207311
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	8330B	207311
LCS 160-207311/2-A	Lab Control Sample	Total/NA	Solid	8330B	207311
MB 160-207311/1-A	Method Blank	Total/NA	Solid	8330B	207311

Analysis Batch: 208467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	8330B	207312
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	8330B	207312

HPLC/IC (Continued)

Analysis Batch: 208467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	8330B	207312
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	8330B	207312
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	8330B	207312
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	8330B	207312
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	8330B	207312
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	8330B	207312
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8330B	207312
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8330B	207312
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	8330B	207312
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	8330B	207312
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	8330B	207312
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	8330B	207312
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	8330B	207312
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	8330B	207312
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	8330B	207312
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8330B	207312
160-13510-18 MS	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8330B	207312
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	Total/NA	Solid	8330B	207312
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	8330B	207312
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	8330B	207312
160-13510-21	2015.08.18 I3	Total/NA	Solid	8330B	207312
LCS 160-207312/2-A	Lab Control Sample	Total/NA	Solid	8330B	207312
MB 160-207312/1-A	Method Blank	Total/NA	Solid	8330B	207312

General Chemistry

Analysis Batch: 207933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-1	2015.08.17 SB-1 (0-2)	Total/NA	Solid	Moisture	
160-13510-1 DU	2015.08.17 SB-1 (0-2)	Total/NA	Solid	Moisture	
160-13510-2	2015.08.17 SB-1 (20-22)	Total/NA	Solid	Moisture	
160-13510-3	2015.08.17 SB-1 (28-30)	Total/NA	Solid	Moisture	
160-13510-4	2015.08.17 SB-2 (0-2)	Total/NA	Solid	Moisture	
160-13510-5	2015.08.17 SB-2 (16-18)	Total/NA	Solid	Moisture	
160-13510-6	2015.08.17 SB-2 (28-30)	Total/NA	Solid	Moisture	
160-13510-7	2015.08.17 SB-3 (0-2)	Total/NA	Solid	Moisture	
160-13510-8	2015.08.17 SB-3 (16-18)	Total/NA	Solid	Moisture	
160-13510-9	2015.08.17 SB-3 (28-30)	Total/NA	Solid	Moisture	
160-13510-10	2015.08.17 SB DUP #1	Total/NA	Solid	Moisture	
160-13510-11	2015.08.18 SB SB-4 (0-2)	Total/NA	Solid	Moisture	
160-13510-12	2015.08.18 SB-4 (16-18)	Total/NA	Solid	Moisture	
160-13510-13	2015.08.18 SB-4 (28-30)	Total/NA	Solid	Moisture	
160-13510-14	2015.08.18 SB-5 (0-2)	Total/NA	Solid	Moisture	
160-13510-15	2015.08.18 SB-5 (16-18)	Total/NA	Solid	Moisture	
160-13510-16	2015.08.18 SB-5 (28-30)	Total/NA	Solid	Moisture	
160-13510-17	2015.08.18 SB DUP #2	Total/NA	Solid	Moisture	
160-13510-18	2015.08.18 SB-6 (0-2)	Total/NA	Solid	Moisture	
160-13510-19	2015.08.18 SB-6 (20-22)	Total/NA	Solid	Moisture	
160-13510-20	2015.08.18 SB-6 (28-30)	Total/NA	Solid	Moisture	
160-13510-21	2015.08.18 I3	Total/NA	Solid	Moisture	

QC Association Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

General Chemistry (Continued)

Analysis Batch: 207933 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13510-21 DU	2015.08.18 I3	Total/NA	Solid	Moisture	

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (72-127)	BFB (63-150)	DBFM (70-126)	TOL (80-120)
160-13510-1	2015.08.17 SB-1 (0-2)	99	100	99	102
160-13510-2	2015.08.17 SB-1 (20-22)	99	96	97	102
160-13510-3	2015.08.17 SB-1 (28-30)	99	98	98	103
160-13510-4	2015.08.17 SB-2 (0-2)	105	100	104	107
160-13510-5	2015.08.17 SB-2 (16-18)	106	97	102	103
160-13510-6	2015.08.17 SB-2 (28-30)	105	95	100	103
160-13510-7	2015.08.17 SB-3 (0-2)	102	106	99	108
160-13510-8	2015.08.17 SB-3 (16-18)	107	96	103	104
160-13510-9	2015.08.17 SB-3 (28-30)	107	95	105	102
160-13510-10	2015.08.17 SB DUP #1	109	99	104	102
160-13510-11	2015.08.18 SB SB-4 (0-2)	83	99	93	101
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	89	111	100	109
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	86	109	98	107
160-13510-12	2015.08.18 SB-4 (16-18)	85	99	96	102
160-13510-13	2015.08.18 SB-4 (28-30)	87	99	97	103
160-13510-14	2015.08.18 SB-5 (0-2)	88	102	95	102
160-13510-15	2015.08.18 SB-5 (16-18)	86	97	95	101
160-13510-16	2015.08.18 SB-5 (28-30)	92	96	99	102
160-13510-17	2015.08.18 SB DUP #2	93	98	100	99
160-13510-18	2015.08.18 SB-6 (0-2)	92	93	92	99
160-13510-18 MS	2015.08.18 SB-6 (0-2)	96	103	101	105
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	88	103	94	100
160-13510-19	2015.08.18 SB-6 (20-22)	95	99	101	102
160-13510-20	2015.08.18 SB-6 (28-30)	95	97	99	102
160-13510-21	2015.08.18 I3	95	105	100	104
LCS 160-208225/2-A	Lab Control Sample	89	109	101	111
LCS 160-208473/2-A	Lab Control Sample	85	107	98	105
LCSD 160-208225/3-A	Lab Control Sample Dup	87	107	100	108
LCSD 160-208473/3-A	Lab Control Sample Dup	90	109	102	109
MB 160-208225/1-A	Method Blank	86	98	94	101
MB 160-208473/1-A	Method Blank	84	99	94	99

Surrogate Legend

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

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (78-127)	BFB (75-123)	DBFM (80-120)	TOL (80-120)
160-13510-22	20150820 TRIP02-1	92	96	97	103
160-13510-23	20150820 TRIP02-2	93	96	97	101
160-13510-24	20150820 TRIP02-3	95	96	96	102
160-13510-25	20150820 TRIP02-4	96	95	98	101
LCS 160-207384/4	Lab Control Sample	88	106	98	110

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	**Client Sample ID**	(78-127)	(75-123)	(80-120)	(80-120)
LCSD 160-207384/5	Lab Control Sample Dup	85	106	97	107
MB 160-207384/7	Method Blank	89	101	98	104

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	**Client Sample ID**	(56-97)	(53-97)	(55-98)	(54-101)	(58-123)	(46-111)
160-13510-1	2015.08.17 SB-1 (0-2)	87	72	77	73	78	80
160-13510-2	2015.08.17 SB-1 (20-22)	88	75	80	75	79	70
160-13510-3	2015.08.17 SB-1 (28-30)	93	78	83	79	82	83
160-13510-4	2015.08.17 SB-2 (0-2)	91	77	81	79	82	90
160-13510-5	2015.08.17 SB-2 (16-18)	89	77	79	76	80	89
160-13510-6	2015.08.17 SB-2 (28-30)	95	79	83	79	81	86
160-13510-7	2015.08.17 SB-3 (0-2)	91	76	80	75	79	88
160-13510-8	2015.08.17 SB-3 (16-18)	90	76	79	75	80	84
160-13510-9	2015.08.17 SB-3 (28-30)	86	73	76	73	77	83
160-13510-10	2015.08.17 SB DUP #1	89	76	79	76	80	84
160-13510-11	2015.08.18 SB SB-4 (0-2)	79	81	78	77	64	65
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	79	85	83	76	75	76
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	81	85	85	78	76	76
160-13510-12	2015.08.18 SB-4 (16-18)	82	84	82	80	67	62
160-13510-13	2015.08.18 SB-4 (28-30)	82	84	81	80	69	54
160-13510-14	2015.08.18 SB-5 (0-2)	73	75	70	69	59	55
160-13510-15	2015.08.18 SB-5 (16-18)	79	80	75	75	66	60
160-13510-16	2015.08.18 SB-5 (28-30)	81	85	81	79	67	63
160-13510-17	2015.08.18 SB DUP #2	81	82	78	78	68	57
160-13510-18	2015.08.18 SB-6 (0-2)	83	87	81	81	69	63
160-13510-18 MS	2015.08.18 SB-6 (0-2)	85	95	88	80	80	76
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	85	95	91	81	78	76
160-13510-19	2015.08.18 SB-6 (20-22)	78	82	79	77	65	55
160-13510-20	2015.08.18 SB-6 (28-30)	84	86	78	81	71	58
160-13510-21	2015.08.18 I3	79	80	77	75	64	55
LCS 160-208680/2-A	Lab Control Sample	87	77	80	75	81	96
LCS 160-208698/2-A	Lab Control Sample	83	90	87	80	79	81
MB 160-208680/1-A	Method Blank	90	80	83	82	82	85
MB 160-208698/1-A	Method Blank	85	88	86	85	69	68

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13510-1

TPH = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	12DNB1 (79-120)						
160-13510-1	2015.08.17 SB-1 (0-2)	111						
160-13510-2	2015.08.17 SB-1 (20-22)	97						
160-13510-3	2015.08.17 SB-1 (28-30)	107						
160-13510-4	2015.08.17 SB-2 (0-2)	107						
160-13510-5	2015.08.17 SB-2 (16-18)	108						
160-13510-6	2015.08.17 SB-2 (28-30)	107						
160-13510-7	2015.08.17 SB-3 (0-2)	103						
160-13510-8	2015.08.17 SB-3 (16-18)	107						
160-13510-9	2015.08.17 SB-3 (28-30)	103						
160-13510-10	2015.08.17 SB DUP #1	105						
160-13510-11	2015.08.18 SB SB-4 (0-2)	106						
160-13510-11 MS	2015.08.18 SB SB-4 (0-2)	105						
160-13510-11 MSD	2015.08.18 SB SB-4 (0-2)	100						
160-13510-12	2015.08.18 SB-4 (16-18)	107						
160-13510-13	2015.08.18 SB-4 (28-30)	107						
160-13510-14	2015.08.18 SB-5 (0-2)	111						
160-13510-15	2015.08.18 SB-5 (16-18)	106						
160-13510-16	2015.08.18 SB-5 (28-30)	105						
160-13510-17	2015.08.18 SB DUP #2	105						
160-13510-18	2015.08.18 SB-6 (0-2)	106						
160-13510-18 MS	2015.08.18 SB-6 (0-2)	104						
160-13510-18 MSD	2015.08.18 SB-6 (0-2)	100						
160-13510-19	2015.08.18 SB-6 (20-22)	104						
160-13510-20	2015.08.18 SB-6 (28-30)	104						
160-13510-21	2015.08.18 I3	106						
LCS 160-207311/2-A	Lab Control Sample	96						
LCS 160-207312/2-A	Lab Control Sample	98						
MB 160-207311/1-A	Method Blank	105						
MB 160-207312/1-A	Method Blank	102						

Surrogate Legend

12DNB = 1,2-Dinitrobenzene (Surr)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Tel: (314)298-8566

TestAmerica Job ID: 160-13617-1
Client Project/Site: Camp Minden Baseline Project

For:
SEMS, Inc
11628 S. Choctaw Drive
Baton Rouge, Louisiana 70815

Attn: Maghee Shaw

Authorized for release by:
9/24/2015 6:02:54 PM

Chenise Lambert-Sykes, Project Manager I
(314)298-8566
chenise.lambert-sykes@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

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

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

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Job ID: 160-13617-1

Laboratory: TestAmerica St. Louis

Narrative

CASE NARRATIVE

Client: SEMS, Inc

Project: Camp Minden Baseline Project

Report Number: 160-13617-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica St. Louis attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results for Chemistry analyses are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT
The samples were received on 09/02/2015; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.7° C, 1.8° C, 2.4° C and 2.7° C.

Receipt Exceptions
No collection time was listed on the COC or Sample Containers for the following samples:
2015.08.31 SEDIMENT DUP # 2 (160-13617-4) and 2015.08.31 GW DUP # 1 (160-13617-13)

Four sets of trip blanks were submitted for analysis with these samples; however, they were not listed on the Chain of Custody (COC).

VOLATILE ORGANIC COMPOUNDS BY GC/MS
Samples 2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1), 2015.08.31 SEDIMENT POINT OF DISCHARGE (160-13617-2), 2015.08.31 SEDIMENT UPSTREAM (160-13617-3) and 2015.08.31 SEDIMENT DUP # 2 (160-13617-4) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 09/03/2015.

Analytical Batch: 209306
The continuing calibration verification (CCV) associated with batch 160-209306 recovered above the upper control limit for Chloroethane.

Job ID: 160-13617-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. (CCVIS 160-209306/3).

The continuing calibration verification (CCV) associated with batch 160-209306 recovered outside recommended criteria, minimum relative response factor, for Acetone and 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analytes were detected; therefore, the data have been qualified and reported.(CCVIS 160-209306/3)

The continuing calibration verification (CCV) associated with batch 160-209306 recovered outside acceptance criteria, low biased, for Chloromethane and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data have been reported.(CCVIS 160-209306/3)

The matrix spike (MS) recoveries for preparation batch 160-209289 and analytical batch 160-209306 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

(Note: There was an original MS/MSD set analyzed in the 12 hour analytical clock; however, no data was collected by the instrument software. The analyst corrected for the software error by placing the second MS vial into the sequence, but was unable to add an associated MSD. There is insufficient sample to re-analyze another full sample/MS/MSD set.)

The surrogate recovery for the following samples were outside the upper control limit: 2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1), 2015.08.31 SEDIMENT POINT OF DISCHARGE (160-13617-2), 2015.08.31 SEDIMENT UPSTREAM (160-13617-3) and 2015.08.31 SEDIMENT DUP # 2 (160-13617-4). The samples did not contain any target analytes detected above the reporting limit associated with the failed surrogate; therefore, re-extraction and/or re-analysis was not required.

The internal standard (ISTD) response for the following samples were outside the lower control limit: 2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1), 2015.08.31 SEDIMENT POINT OF DISCHARGE (160-13617-2), 2015.08.31 SEDIMENT UPSTREAM (160-13617-3) and 2015.08.31 SEDIMENT DUP # 2 (160-13617-4). The samples did not contain any target analytes detected above the reporting limit associated with the failed internal standard (ISTD) response; therefore, re-extraction and/or re-analysis was not required.

VOLATILE ORGANIC COMPOUNDS (GC MS)

Samples 2015.08.31 FIELD BLANK (160-13617-5), 2015.08.31 EQUIPMENT BLANK (160-13617-6), 2015.08.31 MW-1 (160-13617-7), 2015.08.31 MW-2 (160-13617-8), 2015.08.31 MW-3 (160-13617-9), 2015.08.31 MW-4 (160-13617-10), 2015.08.31 MW-5 (160-13617-11), 2015.08.31 MW-6 (160-13617-12), 2015.08.31 GW DUP # 1 (160-13617-13), 2015.08.31 SURFACE WATER DOWNSTREAM (160-13617-14), 2015.08.31 SURFACE WATER POINT OF DISCHARGE (160-13617-15), 2015.08.31 SURFACE WATER UPSTREAM (160-13617-16), TRIP BLANK 1 (160-13617-17), TRIP BLANK 2 (160-13617-18), TRIP BLANK 3 (160-13617-19) and TRIP BLANK 4 (160-13617-20) were analyzed for volatile organic compounds (GC MS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 09/04/2015 and 09/06/2015.

Analytical Batch: 209406

The continuing calibration verification (CCV) associated with batch 160-209406 recovered outside recommended criteria, minimum relative response factor, for Acetone and 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analytes were detected; therefore, the data have been reported. (CCVIS 160-209406/3)

The continuing calibration verification (CCV) associated with batch 160-209406 recovered above the upper control limit for Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCVIS 160-209406/3).

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 160-209406 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.2015.08.31 MW-4 (160-13617-10[MS]) and 2015.08.31 MW-4 (160-13617-10[MSD])

The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 160-209406 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.2015.08.31 MW-4 (160-13617-10[MS]) and 2015.08.31 MW-4 (160-13617-10[MSD])

Job ID: 160-13617-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

The surrogate recovery for the following samples were outside the upper control limit: 2015.08.31 MW-2 (160-13617-8), 2015.08.31 MW-4 (160-13617-10), 2015.08.31 MW-4 (160-13617-10[MSD]), 2015.08.31 MW-5 (160-13617-11), 2015.08.31 SURFACE WATER DOWNSTREAM (160-13617-14), 2015.08.31 SURFACE WATER UPSTREAM (160-13617-16), TRIP BLANK 1 (160-13617-17), TRIP BLANK 2 (160-13617-18), TRIP BLANK 3 (160-13617-19) and (LOQV 160-209406/6). The samples did not contain any target analytes detected above the reporting limit associated with the failed surrogate; therefore, re-extraction and/or re-analysis was not required.

The internal standard (ISTD) response for the following samples were outside the lower control limit: 2015.08.31 MW-4 (160-13617-10), 2015.08.31 MW-5 (160-13617-11), 2015.08.31 MW-6 (160-13617-12), 2015.08.31 GW DUP # 1 (160-13617-13), 2015.08.31 SURFACE WATER DOWNSTREAM (160-13617-14), 2015.08.31 SURFACE WATER POINT OF DISCHARGE (160-13617-15), TRIP BLANK 1 (160-13617-17), TRIP BLANK 2 (160-13617-18) and TRIP BLANK 3 (160-13617-19). The samples did not contain any target analytes detected above the reporting limit associated with the failed internal standard (ISTD) response; therefore, re-extraction and/or re-analysis was not required.

The internal standard (ISTD) response and surrogate recoveries failed. Sample was re-analyzed with passing QC. The re-analysis was reported.
TRIP BLANK 4 (160-13617-20)

The following samples had pH greater than 2, but were HCl acid preserved. The analysis was completed within the 7 day hold time for unpreserved VOA samples; therefore, the data was reported.
2015.08.31 MW-3 (160-13617-9) and 2015.08.31 MW-6 (160-13617-12)

Analytical Batch: 209718
The following compounds did not meet the minimum relative response factor limits in the continuing calibration verification (CCV) associated with batch 160-209718: Acetone, Methyl acetate, n-Butanol, and 2-Butanone. A low-level LOQV was analyzed at the reporting limit (5ug/L) and the affected analytes were detected. Target analytes recovering above the reporting limit will be qualified and reported. (CCVIS 160-209718/3)

The following analyte recovered outside control limits for the LCSD associated with analytical batch 160-209718: 1,2-Dichloroethane. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported. (LCSD 160-209718/14)

A matrix spike/matrix spike duplicate (MS/MSD) was not performed with analytical batch 160-209718. The only associated sample is a Trip Blank. An LCS/LCSD was performed to demonstrate accuracy and precision.

Internal standard (ISTD) response for the following sample was outside control limits in the original analysis: TRIP BLANK 4 (160-13617-20). The sample was re-analyzed with acceptable results and the re-analysis has been reported.

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples 2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1), 2015.08.31 SEDIMENT POINT OF DISCHARGE (160-13617-2), 2015.08.31 SEDIMENT UPSTREAM (160-13617-3) and 2015.08.31 SEDIMENT DUP # 2 (160-13617-4) were analyzed for Semivolatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/09/2015 and analyzed on 09/14/2015.

Analytical Batch: 210858
N-Nitrosodiphenylamine and Diphenylamine recovered low in the LCS. N-Nitrosodi-n-propylamine recovered low in the MSD. The samples were not re-extracted as re-extration would have occurred outside holding time. The data is reported with this narrative.
2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1[MSD]) and (LCS 160-210082/2-A).

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC MS)
Samples 2015.08.31 FIELD BLANK (160-13617-5), 2015.08.31 EQUIPMENT BLANK (160-13617-6), 2015.08.31 MW-1 (160-13617-7), 2015.08.31 MW-2 (160-13617-8), 2015.08.31 MW-3 (160-13617-9), 2015.08.31 MW-4 (160-13617-10), 2015.08.31 MW-5 (160-13617-11),

Job ID: 160-13617-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

2015.08.31 MW-6 (160-13617-12), 2015.08.31 GW DUP # 1 (160-13617-13), 2015.08.31 SURFACE WATER DOWNSTREAM (160-13617-14), 2015.08.31 SURFACE WATER POINT OF DISCHARGE (160-13617-15) and 2015.08.31 SURFACE WATER UPSTREAM (160-13617-16) were analyzed for semivolatile organic compounds (GC MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 09/02/2015 and analyzed on 09/16/2015.

Analytical Batch: 211234
Per the 8270D method, section 1.4.7, Pentachlorophenol is one of many analytes named to have erratic chromatographic behavior and considered a poor performer. The client requested RL was not achievable per our calibration and was therefore raised to provide accurate data for this analyte. preparation batch 160-209159 and 160-209159 and analytical batch 160-211234

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

NITROAROMATICS AND NITRAMINES (HPLC)
Samples 2015.08.31 FIELD BLANK (160-13617-5), 2015.08.31 EQUIPMENT BLANK (160-13617-6), 2015.08.31 MW-1 (160-13617-7), 2015.08.31 MW-2 (160-13617-8), 2015.08.31 MW-3 (160-13617-9), 2015.08.31 MW-4 (160-13617-10), 2015.08.31 MW-5 (160-13617-11), 2015.08.31 MW-6 (160-13617-12) and 2015.08.31 GW DUP # 1 (160-13617-13) were analyzed for Nitroaromatics and Nitramines (HPLC) in accordance with EPA SW-846 Method 8330B. The samples were prepared on 09/04/2015 and analyzed on 09/08/2015.

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

PERCENT SOLIDS
Samples 2015.08.31 SEDIMENT DOWNSTREAM (160-13617-1), 2015.08.31 SEDIMENT POINT OF DISCHARGE (160-13617-2), 2015.08.31 SEDIMENT UPSTREAM (160-13617-3) and 2015.08.31 SEDIMENT DUP # 2 (160-13617-4) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 09/02/2015.

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

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MAGHEE SHAW; NICK BURNHAM	Lab PM: Lambert-Sykes, Chenise Y	Carrier Tracking No(s):
Client Contact: Ms. Maghee Shaw	Phone: (225)924-2002	E-Mail: chenise.lambert-sykes@testamericainc.com	
Company: SEMS, Inc.			
Address: 11628 South Choctaw ~~St.~~ DRIVE	Due Date Requested:		
City: Baton Rouge	TAT Requested (days): STANDARD		
State, Zip: LA, 70815			
Phone: 225-924-2002(Tel)	PO #: 750-0001		
Email: mshaw@semsinc.net	WO #:		
Project Name: Camp Minden Baseline Project	Project #: 16004539		
Site: CAMP MINDEN AREA I	SSOW#:		

COC No: 160-3162-1485.1
Page: Page 2 of 3
Job #:

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)	8260C - (MOD) Standard Target List (RECAP VOCs)	8270D - (MOD) OLM 4.2 Target List (RECAP SVOCs)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
2015.08.31 Sediment downstream	8/31/15	1410	G	Solid		X	X	X		NOTE: ALL 8270D Analysis Report RECAP SVOC compounds And include 2,4-dinitrotoluene, 2,6-Dinitrotoluene, di-N-butylphthalate, And Diphenylamine
2015.08.31 Sediment downstream ms	8/31/15	1410	G	Solid			X	X		
2015.08.31 Sediment downstream msD	8/31/15	1410	G	Solid			X	X		
2015.08.31 Sediment point of Discharge	8/31/15	1600	G	Solid			X	X		
2015.08.31 Sediment upstream	8/31/15	1845	G	Solid			X	X		
2015.08.31 Sediment Dup#2	8/31/15	—	G	Solid			X	X		
				Solid						
				Solid						
				Solid						

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) II And IV

Special Instructions/QC Requirements: ~~MS~~ ms/msD provided on "Sediment Downstream" sample.

Empty Kit Relinquished by: Maghee Shaw	Date: 9/1/2015	Time: 1600		Method of Shipment:	
Relinquished by: Maghee Shaw	Date/Time: 9/1/2015 1600	Company: SEMS	Received by: [illegible]	Date/Time: 9/1/15 4:20p	Company: TA
Relinquished by: [illegible]	Date/Time: 9/1/15 4:50	Company: TA	Received by: Jill Clark	Date/Time: 9-2-15 0930	Company: TA SR
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

TestAmerica St. Louis
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Earth City, MO 63045
Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information
Client Contact: Ms. Maghee Shaw
Company: SEMS, Inc.
Address: 11628 South Choctaw DRIVE
City: Baton Rouge
State, Zip: LA, 70815
Phone: 225-924-2002(Tel)
Email: mshaw@semsinc.net
Project Name: Camp Minden Baseline Project
Site: CAMP MINDEN AREA I

Sampler: MAGHEE SHAW; NICK BURNHAM; BEN DUREL
Phone: (225)924-2002
Due Date Requested:
TAT Requested (days): Standard
PO #: 750-0001
WO #:
Project #: 16004539
SSOW#:

Lab PM: Lambert-Sykes, Chenise Y
E-Mail: chenise.lambert-sykes@testamericainc.com
Carrier Tracking No(s):
COC No: 160-3161-1484.1
Page: Page 1 of 3
Job #:

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)	8260C - (MOD) Standard Target List (RECAP VOCs)	8270D, 8330B (RECAP SVOCs)	8270D - (MOD) OLM 4.2 Target List (RECAP SVOCs)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N		
2015.08.31 Field Blank	8.31.15	1200	G	Water			X	X	X		NOTE: ALL 8270D Analysis RECAP SVOCs Including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylphthalate, And diphenylamine
2015.08.31 Equipment Blank	8.31.15	1220	G	Water			X	X	X		
2015.08.31 MW-1	8.31.15	1300	G	Water			X	X	X		
2015.08.31 MW-2	8.31.15	1330	G	Water			X	X	X		
2015.08.31 MW-3	8.31.15	1400	G	Water			X	X	X		
2015.08.31 MW-4	8.31.15	1430	G	Water		X	X	X	X		
2015.08.31 MW-4 MS	8.31.15	1430	G	Water			X	X	X		
2015.08.31 MW-4 MSD	8.31.15	1430	G	Water			X	X	X		
2015.08.31 MW-5	8.31.15	1500	G	Water			X	X	X		
2015.08.31 MW-6	8.31.15	1530	G	Water			X	X	X		
2015.08.31 GW Dup#1	8.31.15	—	G	Water			X	X	X		

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) II And IV

Special Instructions/QC Requirements: RUN MS/MSD PER 10 SAMPLES.

Empty Kit Relinquished by: Maghee Shaw Date: 9/1/2015 Time: 1000 Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Maghee Shaw	9/1/2015 1600	SEMS	[illegible]	9/1/15 4:50	TA
[illegible]	9/1/15 4:50	TA	[illegible] Clark	9.2.15 0930	TA SR

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

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Phone (314) 298-8566 Fax (314) 298-8757

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARY, HEA SHAW / NICK BURNHAM	Lab PM: Lambert-Sykes, Chenise Y	Carrier Tracking No(s):
Client Contact: Ms. Maghee Shaw	Phone: (225) 924-2002	E-Mail: chenise.lambert-sykes@testamericainc.com	
Company: SEMS, Inc.			
Address: 11628 South Choctaw ~~St.~~ DRIVE	Due Date Requested:		
City: Baton Rouge	TAT Requested (days): STANDARD		
State, Zip: LA, 70815			
Phone: 225-924-2002(Tel)	PO #: 750-0001		
Email: mshaw@semsinc.net	WO #:		
Project Name: Camp Minden Baseline Project	Project #: 16004539		
Site: CAMP MINDEN Area I	SSOW#:		

COC No: 160-3162-1485.1
Page: Page 3 of 3
Job #:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	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)	8260C - (MOD) Standard Target List (RECAP VOCs)	8270D - (MOD) OLM 4.2 Target List (RECAP SVOCs)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
2015.08.31 surfacewater drain stream	8/31/15	1400	G	~~Solid~~ WATER			X	X		NOTE: ALL 8270D
2015.08.31 SURFACEWATER POINT OF discharge	8/31/15	1545	G	~~Solid~~ WATER			X	X		ANALYSIS REPORT
2015.08.31 SURFACEWATER upstream	8/31/15	1820	G	~~Solid~~ WATER			X	X		RECAP SVOC compounds
				~~Solid~~ WATER						and include
				~~Solid~~ WATER						2,4-DINITROTOLUENE,
				~~Solid~~ WATER						2,6-DINITROTOLUENE,
				~~Solid~~ WATER						di-N-butylphthalate,
				~~Solid~~ WATER						and ~~Diphenylamine~~
				~~Solid~~ WATER						DIPHENYLAMINE

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) II And IV

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Maghee Shaw Date: 9/1/15 Time: 1600 Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Maghee Shaw	9/1/15 1600	SEMS	C. Wright	9/1/15 4:20pm	TA
C. Wright	9/1/15 4:50	TA	Que Clarke	9.2.15 0930	TASR

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

Login Sample Receipt Checklist

Client: SEMS, Inc

Job Number: 160-13617-1

Login Number: 13617
List Number: 1
Creator: Daniels, Brian J

List Source: TestAmerica St. Louis

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.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	Refer to Job Narrative for details.
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").	False	Refer to Job Narrative for details.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable limits
F1	MS and/or MSD Recovery is outside acceptance limits.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Method Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SL
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SL
8330B	Nitroaromatics and Nitramines (HPLC)	SW846	TAL SL
Moisture	Percent Moisture	EPA	TAL SL

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Solid	08/31/15 14:10	09/02/15 09:30
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Solid	08/31/15 16:00	09/02/15 09:30
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Solid	08/31/15 18:45	09/02/15 09:30
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Solid	08/31/15 00:00	09/02/15 09:30
160-13617-5	2015.08.31 FIELD BLANK	Water	08/31/15 12:00	09/02/15 09:30
160-13617-6	2015.08.31 EQUIPMENT BLANK	Water	08/31/15 12:20	09/02/15 09:30
160-13617-7	2015.08.31 MW-1	Water	08/31/15 13:00	09/02/15 09:30
160-13617-8	2015.08.31 MW-2	Water	08/31/15 13:30	09/02/15 09:30
160-13617-9	2015.08.31 MW-3	Water	08/31/15 14:00	09/02/15 09:30
160-13617-10	2015.08.31 MW-4	Water	08/31/15 14:30	09/02/15 09:30
160-13617-11	2015.08.31 MW-5	Water	08/31/15 15:00	09/02/15 09:30
160-13617-12	2015.08.31 MW-6	Water	08/31/15 15:30	09/02/15 09:30
160-13617-13	2015.08.31 GW DUP # 1	Water	08/31/15 00:00	09/02/15 09:30
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	Water	08/31/15 14:00	09/02/15 09:30
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCHARGE	Water	08/31/15 15:45	09/02/15 09:30
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	Water	08/31/15 18:20	09/02/15 09:30
160-13617-17	TRIP BLANK 1	Water	08/31/15 00:00	09/02/15 09:30
160-13617-18	TRIP BLANK 2	Water	08/31/15 00:00	09/02/15 09:30
160-13617-19	TRIP BLANK 3	Water	08/31/15 00:00	09/02/15 09:30
160-13617-20	TRIP BLANK 4	Water	08/31/15 00:00	09/02/15 09:30

Detection Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM — Lab Sample ID: 160-13617-1

No Detections.

Client Sample ID: 2015.08.31 SEDIMENT POINT OF DISCHARGE — Lab Sample ID: 160-13617-2

No Detections.

Client Sample ID: 2015.08.31 SEDIMENT UPSTREAM — Lab Sample ID: 160-13617-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	42		25	8.2	ug/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	7.2	J	25	2.4	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 2015.08.31 SEDIMENT DUP # 2 — Lab Sample ID: 160-13617-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	6.9	J	13	1.8	ug/Kg	1	☼	8260C	Total/NA

Client Sample ID: 2015.08.31 FIELD BLANK — Lab Sample ID: 160-13617-5

No Detections.

Client Sample ID: 2015.08.31 EQUIPMENT BLANK — Lab Sample ID: 160-13617-6

No Detections.

Client Sample ID: 2015.08.31 MW-1 — Lab Sample ID: 160-13617-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	4.1	J	9.5	0.95	ug/L	1		8270D	Total/NA

Client Sample ID: 2015.08.31 MW-2 — Lab Sample ID: 160-13617-8

No Detections.

Client Sample ID: 2015.08.31 MW-3 — Lab Sample ID: 160-13617-9

No Detections.

Client Sample ID: 2015.08.31 MW-4 — Lab Sample ID: 160-13617-10

No Detections.

Client Sample ID: 2015.08.31 MW-5 — Lab Sample ID: 160-13617-11

No Detections.

Client Sample ID: 2015.08.31 MW-6 — Lab Sample ID: 160-13617-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	1.4	J	9.5	0.95	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: 2015.08.31 GW DUP # 1 — Lab Sample ID: 160-13617-13

No Detections.

Client Sample ID: 2015.08.31 SURFACE WATER DOWNSTREAM — Lab Sample ID: 160-13617-14

No Detections.

Client Sample ID: 2015.08.31 SURFACE WATER POINT OF DISCHARGE — Lab Sample ID: 160-13617-15

No Detections.

Client Sample ID: 2015.08.31 SURFACE WATER UPSTREAM — Lab Sample ID: 160-13617-16

No Detections.

Client Sample ID: TRIP BLANK 1 — Lab Sample ID: 160-13617-17

No Detections.

Client Sample ID: TRIP BLANK 2 — Lab Sample ID: 160-13617-18

No Detections.

Client Sample ID: TRIP BLANK 3 — Lab Sample ID: 160-13617-19

No Detections.

Client Sample ID: TRIP BLANK 4 — Lab Sample ID: 160-13617-20

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM

Date Collected: 08/31/15 14:10
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-1
Matrix: Solid
Percent Solids: 64.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		29	9.5	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Benzene	ND		7.3	0.37	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Bromoform	ND	*	7.3	0.54	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Bromodichloromethane	ND		7.3	0.37	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Bromomethane	ND	F1	15	1.6	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
2-Butanone (MEK)	ND		29	2.8	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Carbon disulfide	ND		7.3	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Carbon tetrachloride	ND		7.3	0.75	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Chlorobenzene	ND		7.3	0.56	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Chlorodibromomethane	ND	F1	7.3	0.60	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Chloroethane	ND	F1	15	0.76	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Chloroform	ND		7.3	0.56	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Chloromethane	ND		15	0.95	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,2-Dibromo-3-Chloropropane	ND	* F1	15	2.1	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1-Dichloroethane	ND		7.3	0.57	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,2-Dichloroethane	ND		7.3	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
cis-1,2-Dichloroethene	ND		7.3	0.88	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
trans-1,2-Dichloroethene	ND		7.3	1.4	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1-Dichloroethene	ND		7.3	2.4	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,2-Dichloropropane	ND		7.3	0.56	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Ethylbenzene	ND		7.3	0.44	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Hexachlorobutadiene	ND	*	7.3	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Isobutyl alcohol	ND	F1	290	37	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Methylene Chloride	ND		7.3	2.3	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
4-Methyl-2-pentanone (MIBK)	ND	F1	29	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Methyl tert-butyl ether	ND	F1	7.3	0.71	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Trichlorofluoromethane	ND		7.3	0.73	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Trichloroethene	ND		7.3	0.57	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1,1-Trichloroethane	ND		7.3	0.63	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Vinyl chloride	ND		7.3	0.63	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1,1,2-Tetrachloroethane	ND		7.3	0.51	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1,2,2-Tetrachloroethane	ND	*	7.3	0.59	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,1,2-Trichloroethane	ND	F1	7.3	0.84	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Styrene	ND		7.3	0.51	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Tetrachloroethene	ND		7.3	0.47	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Toluene	ND		7.3	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
Xylenes, Total	ND		15	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1
1,3-Dichloropropene, Total	ND		15	1.4	ug/Kg	☼	09/03/15 06:29	09/03/15 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 127*	*09/03/15 06:29*	*09/03/15 13:08*	*1*
4-Bromofluorobenzene (Surr)	*126*	*	*63 - 150*	*09/03/15 06:29*	*09/03/15 13:08*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 126*	*09/03/15 06:29*	*09/03/15 13:08*	*1*
Toluene-d8 (Surr)	*127*	*X*	*80 - 120*	*09/03/15 06:29*	*09/03/15 13:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Acenaphthylene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Aniline	ND	*	510	92	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM

Date Collected: 08/31/15 14:10
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-1
Matrix: Solid
Percent Solids: 64.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Benzo[a]anthracene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Benzo[a]pyrene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Benzo[b]fluoranthene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Benzo[k]fluoranthene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,1'-Biphenyl	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Bis(2-chloroethyl)ether	ND		510	52	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
bis (2-chloroisopropyl) ether	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Bis(2-ethylhexyl) phthalate	ND		510	70	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Butyl benzyl phthalate	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2-Chloronaphthalene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2-Chlorophenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Chrysene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Dibenz(a,h)anthracene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Dibenzofuran	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,2-Dichlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,3-Dichlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,4-Dichlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
3,3'-Dichlorobenzidine	ND		2500	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4-Dichlorophenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Diethyl phthalate	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4-Dimethylphenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Dimethyl phthalate	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Di-n-butyl phthalate	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,3-Dinitrobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4-Dinitrophenol	ND		2500	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4-Dinitrotoluene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,6-Dinitrotoluene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Di-n-octyl phthalate	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Diphenylamine	ND	*	510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Fluoranthene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Fluorene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Hexachlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Hexachlorobutadiene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Hexachlorocyclopentadiene	ND		2500	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Hexachloroethane	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Indeno[1,2,3-cd]pyrene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Isophorone	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2-Methylnaphthalene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Naphthalene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2-Nitroaniline	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
3-Nitroaniline	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
4-Nitroaniline	ND		2500	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Nitrobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
4-Nitrophenol	ND		2500	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
N-Nitrosodi-n-propylamine	ND	F1	510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
N-Nitrosodiphenylamine	ND	*	510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Pentachlorophenol	ND		1000	510	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Phenanthrene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM

Lab Sample ID: 160-13617-1

Date Collected: 08/31/15 14:10
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 64.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
Pyrene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,2,4,5-Tetrachlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,3,4,6-Tetrachlorophenol	ND		2500	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
1,2,4-Trichlorobenzene	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4,5-Trichlorophenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1
2,4,6-Trichlorophenol	ND		510	51	ug/Kg	☼	09/09/15 16:35	09/14/15 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*56 - 97*	*09/09/15 16:35*	*09/14/15 17:22*	*1*
2-Fluorophenol (Surr)	*78*		*53 - 97*	*09/09/15 16:35*	*09/14/15 17:22*	*1*
Nitrobenzene-d5 (Surr)	*76*		*55 - 98*	*09/09/15 16:35*	*09/14/15 17:22*	*1*
Phenol-d5 (Surr)	*74*		*54 - 101*	*09/09/15 16:35*	*09/14/15 17:22*	*1*
Terphenyl-d14 (Surr)	*66*		*58 - 123*	*09/09/15 16:35*	*09/14/15 17:22*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*46 - 111*	*09/09/15 16:35*	*09/14/15 17:22*	*1*

Client Sample ID: 2015.08.31 SEDIMENT POINT OF DISCHARGE

Lab Sample ID: 160-13617-2

Date Collected: 08/31/15 16:00
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 42.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		54	17	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Benzene	ND		13	0.67	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Bromoform	ND	*	13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Bromodichloromethane	ND		13	0.67	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Bromomethane	ND		27	3.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
2-Butanone (MEK)	ND		54	5.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Carbon disulfide	ND		13	1.9	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Carbon tetrachloride	ND		13	1.4	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Chlorobenzene	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Chlorodibromomethane	ND		13	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Chloroethane	ND		27	1.4	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Chloroform	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Chloromethane	ND		27	1.7	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,2-Dibromo-3-Chloropropane	ND	*	27	3.9	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1-Dichloroethane	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,2-Dichloroethane	ND		13	2.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
cis-1,2-Dichloroethene	ND		13	1.6	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
trans-1,2-Dichloroethene	ND		13	2.5	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1-Dichloroethene	ND		13	4.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,2-Dichloropropane	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Ethylbenzene	ND		13	0.81	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Hexachlorobutadiene	ND	*	13	1.8	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Isobutyl alcohol	ND		540	68	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Methylene Chloride	ND		13	4.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		54	2.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Methyl tert-butyl ether	ND		13	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Trichlorofluoromethane	ND		13	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1

Client Sample ID: 2015.08.31 SEDIMENT POINT OF DISCHARGE

Lab Sample ID: 160-13617-2

Date Collected: 08/31/15 16:00
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 42.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1,1-Trichloroethane	ND		13	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Vinyl chloride	ND		13	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1,1,2-Tetrachloroethane	ND		13	0.94	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1,2,2-Tetrachloroethane	ND	*	13	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,1,2-Trichloroethane	ND		13	1.5	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Styrene	ND		13	0.94	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Tetrachloroethene	ND		13	0.86	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Toluene	ND		13	1.9	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
Xylenes, Total	ND		27	2.3	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1
1,3-Dichloropropene, Total	ND		27	2.6	ug/Kg	☼	09/03/15 06:29	09/03/15 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 127*	*09/03/15 06:29*	*09/03/15 15:12*	*1*
4-Bromofluorobenzene (Surr)	*128*	*	*63 - 150*	*09/03/15 06:29*	*09/03/15 15:12*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 126*	*09/03/15 06:29*	*09/03/15 15:12*	*1*
Toluene-d8 (Surr)	*125*	*X*	*80 - 120*	*09/03/15 06:29*	*09/03/15 15:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Acenaphthylene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Aniline	ND	*	770	140	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Anthracene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Benzo[a]anthracene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Benzo[a]pyrene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Benzo[b]fluoranthene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Benzo[k]fluoranthene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,1'-Biphenyl	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Bis(2-chloroethyl)ether	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
bis (2-chloroisopropyl) ether	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Bis(2-ethylhexyl) phthalate	ND		770	110	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Butyl benzyl phthalate	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2-Chloronaphthalene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2-Chlorophenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Chrysene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Dibenz(a,h)anthracene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Dibenzofuran	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,2-Dichlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,3-Dichlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,4-Dichlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
3,3'-Dichlorobenzidine	ND		3700	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,4-Dichlorophenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Diethyl phthalate	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,4-Dimethylphenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Dimethyl phthalate	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Di-n-butyl phthalate	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,3-Dinitrobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,4-Dinitrophenol	ND		3700	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1

Client Sample ID: 2015.08.31 SEDIMENT POINT OF DISCHARGE

Lab Sample ID: 160-13617-2

Date Collected: 08/31/15 16:00
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 42.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,6-Dinitrotoluene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Di-n-octyl phthalate	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Diphenylamine	ND	*	770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Fluoranthene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Fluorene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Hexachlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Hexachlorobutadiene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Hexachlorocyclopentadiene	ND		3700	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Hexachloroethane	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Indeno[1,2,3-cd]pyrene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Isophorone	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2-Methylnaphthalene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Naphthalene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2-Nitroaniline	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
3-Nitroaniline	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
4-Nitroaniline	ND		3700	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Nitrobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
4-Nitrophenol	ND		3700	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
N-Nitrosodi-n-propylamine	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
N-Nitrosodiphenylamine	ND	*	770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Pentachlorophenol	ND		1500	770	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Phenanthrene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Phenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
Pyrene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,2,4,5-Tetrachlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,3,4,6-Tetrachlorophenol	ND		3700	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
1,2,4-Trichlorobenzene	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,4,5-Trichlorophenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1
2,4,6-Trichlorophenol	ND		770	78	ug/Kg	☼	09/09/15 16:36	09/14/15 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*56 - 97*	*09/09/15 16:36*	*09/14/15 19:00*	*1*
2-Fluorophenol (Surr)	*81*		*53 - 97*	*09/09/15 16:36*	*09/14/15 19:00*	*1*
Nitrobenzene-d5 (Surr)	*82*		*55 - 98*	*09/09/15 16:36*	*09/14/15 19:00*	*1*
Phenol-d5 (Surr)	*76*		*54 - 101*	*09/09/15 16:36*	*09/14/15 19:00*	*1*
Terphenyl-d14 (Surr)	*67*		*58 - 123*	*09/09/15 16:36*	*09/14/15 19:00*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*46 - 111*	*09/09/15 16:36*	*09/14/15 19:00*	*1*

Client Sample ID: 2015.08.31 SEDIMENT UPSTREAM

Lab Sample ID: 160-13617-3

Date Collected: 08/31/15 18:45
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 67.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**42**		25	8.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Benzene	ND		6.3	0.32	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Bromoform	ND	*	6.3	0.47	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Bromodichloromethane	ND		6.3	0.32	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1

Client Sample ID: 2015.08.31 SEDIMENT UPSTREAM

Date Collected: 08/31/15 18:45
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-3
Matrix: Solid
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		13	1.4	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
2-Butanone (MEK)	7.2	J	25	2.4	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Carbon disulfide	ND		6.3	0.87	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Carbon tetrachloride	ND		6.3	0.64	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Chlorobenzene	ND		6.3	0.48	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Chlorodibromomethane	ND		6.3	0.52	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Chloroethane	ND		13	0.66	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Chloroform	ND		6.3	0.48	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Chloromethane	ND		13	0.82	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,2-Dibromo-3-Chloropropane	ND	*	13	1.8	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1-Dichloroethane	ND		6.3	0.49	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,2-Dichloroethane	ND		6.3	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
cis-1,2-Dichloroethene	ND		6.3	0.76	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
trans-1,2-Dichloroethene	ND		6.3	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1-Dichloroethene	ND		6.3	2.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,2-Dichloropropane	ND		6.3	0.48	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Ethylbenzene	ND		6.3	0.38	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Hexachlorobutadiene	ND	*	6.3	0.86	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Isobutyl alcohol	ND		250	32	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Methylene Chloride	ND		6.3	2.0	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
4-Methyl-2-pentanone (MIBK)	ND		25	0.92	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Methyl tert-butyl ether	ND		6.3	0.60	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Trichlorofluoromethane	ND		6.3	0.63	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Trichloroethene	ND		6.3	0.49	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1,1-Trichloroethane	ND		6.3	0.54	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Vinyl chloride	ND		6.3	0.54	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1,1,2-Tetrachloroethane	ND		6.3	0.44	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1,2,2-Tetrachloroethane	ND	*	6.3	0.50	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,1,2-Trichloroethane	ND		6.3	0.72	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Styrene	ND		6.3	0.44	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Tetrachloroethene	ND		6.3	0.40	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Toluene	ND		6.3	0.88	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1
1,3-Dichloropropene, Total	ND		13	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 127*	*09/03/15 06:29*	*09/03/15 15:38*	*1*
4-Bromofluorobenzene (Surr)	*126*	*	*63 - 150*	*09/03/15 06:29*	*09/03/15 15:38*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 126*	*09/03/15 06:29*	*09/03/15 15:38*	*1*
Toluene-d8 (Surr)	*134*	*X*	*80 - 120*	*09/03/15 06:29*	*09/03/15 15:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Acenaphthylene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Aniline	ND	*	490	89	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Anthracene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Benzo[a]anthracene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Benzo[a]pyrene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Benzo[b]fluoranthene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1

Client Sample ID: 2015.08.31 SEDIMENT UPSTREAM

Date Collected: 08/31/15 18:45
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-3
Matrix: Solid
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,1'-Biphenyl	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Bis(2-chloroethyl)ether	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
bis (2-chloroisopropyl) ether	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Bis(2-ethylhexyl) phthalate	ND		490	67	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Butyl benzyl phthalate	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2-Chloronaphthalene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2-Chlorophenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Chrysene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Dibenz(a,h)anthracene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Dibenzofuran	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,2-Dichlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,3-Dichlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,4-Dichlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
3,3'-Dichlorobenzidine	ND		2400	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4-Dichlorophenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Diethyl phthalate	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4-Dimethylphenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Dimethyl phthalate	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Di-n-butyl phthalate	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,3-Dinitrobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4-Dinitrophenol	ND		2400	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4-Dinitrotoluene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,6-Dinitrotoluene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Di-n-octyl phthalate	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Diphenylamine	ND	*	490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Fluoranthene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Fluorene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Hexachlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Hexachlorobutadiene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Hexachlorocyclopentadiene	ND		2400	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Hexachloroethane	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Indeno[1,2,3-cd]pyrene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Isophorone	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2-Methylnaphthalene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Naphthalene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2-Nitroaniline	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
3-Nitroaniline	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
4-Nitroaniline	ND		2400	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Nitrobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
4-Nitrophenol	ND		2400	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
N-Nitrosodi-n-propylamine	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
N-Nitrosodiphenylamine	ND	*	490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Pentachlorophenol	ND		980	490	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Phenanthrene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Phenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
Pyrene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
1,2,4,5-Tetrachlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,3,4,6-Tetrachlorophenol	ND		2400	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1

Client Sample ID: 2015.08.31 SEDIMENT UPSTREAM

Lab Sample ID: 160-13617-3
Date Collected: 08/31/15 18:45
Matrix: Solid
Date Received: 09/02/15 09:30
Percent Solids: 67.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4,5-Trichlorophenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1
2,4,6-Trichlorophenol	ND		490	49	ug/Kg	☼	09/09/15 16:36	09/14/15 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*56 - 97*	*09/09/15 16:36*	*09/14/15 19:33*	*1*
2-Fluorophenol (Surr)	*80*		*53 - 97*	*09/09/15 16:36*	*09/14/15 19:33*	*1*
Nitrobenzene-d5 (Surr)	*79*		*55 - 98*	*09/09/15 16:36*	*09/14/15 19:33*	*1*
Phenol-d5 (Surr)	*74*		*54 - 101*	*09/09/15 16:36*	*09/14/15 19:33*	*1*
Terphenyl-d14 (Surr)	*64*		*58 - 123*	*09/09/15 16:36*	*09/14/15 19:33*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*46 - 111*	*09/09/15 16:36*	*09/14/15 19:33*	*1*

Client Sample ID: 2015.08.31 SEDIMENT DUP # 2

Lab Sample ID: 160-13617-4
Date Collected: 08/31/15 00:00
Matrix: Solid
Date Received: 09/02/15 09:30
Percent Solids: 39.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		51	17	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Benzene	ND		13	0.64	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Bromoform	ND	*	13	0.95	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Bromodichloromethane	ND		13	0.64	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Bromomethane	ND		26	2.8	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
2-Butanone (MEK)	ND		51	4.9	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Carbon disulfide	**6.9**	**J**	13	1.8	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Carbon tetrachloride	ND		13	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Chlorobenzene	ND		13	0.97	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Chlorodibromomethane	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Chloroethane	ND		26	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Chloroform	ND		13	0.97	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Chloromethane	ND		26	1.7	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,2-Dibromo-3-Chloropropane	ND	*	26	3.7	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,1-Dichloroethane	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,2-Dichloroethane	ND		13	2.2	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
cis-1,2-Dichloroethene	ND		13	1.5	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
trans-1,2-Dichloroethene	ND		13	2.4	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,1-Dichloroethene	ND		13	4.1	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,2-Dichloropropane	ND		13	0.97	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Ethylbenzene	ND		13	0.77	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Hexachlorobutadiene	ND	*	13	1.7	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Isobutyl alcohol	ND		510	65	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Methylene Chloride	ND		13	4.0	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		51	1.9	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Methyl tert-butyl ether	ND		13	1.2	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Trichlorofluoromethane	ND		13	1.3	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Trichloroethene	ND		13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,1,1-Trichloroethane	ND		13	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Vinyl chloride	ND		13	1.1	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,1,1,2-Tetrachloroethane	ND		13	0.89	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,1,2,2-Tetrachloroethane	ND	*	13	1.0	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1

Client Sample ID: 2015.08.31 SEDIMENT DUP # 2

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-4

Matrix: Solid
Percent Solids: 39.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		13	1.5	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Styrene	ND		13	0.89	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Tetrachloroethene	ND		13	0.82	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Toluene	ND		13	1.8	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
Xylenes, Total	ND		26	2.2	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1
1,3-Dichloropropene, Total	ND		26	2.4	ug/Kg	☼	09/03/15 06:29	09/03/15 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 127*	*09/03/15 06:29*	*09/03/15 16:03*	*1*
4-Bromofluorobenzene (Surr)	*122*	*	*63 - 150*	*09/03/15 06:29*	*09/03/15 16:03*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 126*	*09/03/15 06:29*	*09/03/15 16:03*	*1*
Toluene-d8 (Surr)	*133*	*X*	*80 - 120*	*09/03/15 06:29*	*09/03/15 16:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Acenaphthylene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Aniline	ND	*	830	150	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Anthracene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Benzo[a]anthracene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Benzo[a]pyrene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Benzo[b]fluoranthene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Benzo[k]fluoranthene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,1'-Biphenyl	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Bis(2-chloroethyl)ether	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
bis (2-chloroisopropyl) ether	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Bis(2-ethylhexyl) phthalate	ND		830	110	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Butyl benzyl phthalate	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2-Chloronaphthalene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2-Chlorophenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Chrysene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Dibenz(a,h)anthracene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Dibenzofuran	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,2-Dichlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,3-Dichlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,4-Dichlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
3,3'-Dichlorobenzidine	ND		4000	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4-Dichlorophenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Diethyl phthalate	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4-Dimethylphenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Dimethyl phthalate	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Di-n-butyl phthalate	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,3-Dinitrobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4-Dinitrophenol	ND		4000	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4-Dinitrotoluene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,6-Dinitrotoluene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Di-n-octyl phthalate	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Diphenylamine	ND	*	830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Fluoranthene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Fluorene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1

Client Sample ID: 2015.08.31 SEDIMENT DUP # 2

Lab Sample ID: 160-13617-4

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Solid
Percent Solids: 39.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Hexachlorobutadiene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Hexachlorocyclopentadiene	ND		4000	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Hexachloroethane	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Indeno[1,2,3-cd]pyrene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Isophorone	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2-Methylnaphthalene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Naphthalene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2-Nitroaniline	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
3-Nitroaniline	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
4-Nitroaniline	ND		4000	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Nitrobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
4-Nitrophenol	ND		4000	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
N-Nitrosodi-n-propylamine	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
N-Nitrosodiphenylamine	ND	*	830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Pentachlorophenol	ND		1700	830	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Phenanthrene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Phenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
Pyrene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,2,4,5-Tetrachlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,3,4,6-Tetrachlorophenol	ND		4000	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
1,2,4-Trichlorobenzene	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4,5-Trichlorophenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1
2,4,6-Trichlorophenol	ND		830	84	ug/Kg	☼	09/09/15 16:36	09/14/15 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*56 - 97*	*09/09/15 16:36*	*09/14/15 20:06*	*1*
2-Fluorophenol (Surr)	*70*		*53 - 97*	*09/09/15 16:36*	*09/14/15 20:06*	*1*
Nitrobenzene-d5 (Surr)	*73*		*55 - 98*	*09/09/15 16:36*	*09/14/15 20:06*	*1*
Phenol-d5 (Surr)	*66*		*54 - 101*	*09/09/15 16:36*	*09/14/15 20:06*	*1*
Terphenyl-d14 (Surr)	*59*		*58 - 123*	*09/09/15 16:36*	*09/14/15 20:06*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*46 - 111*	*09/09/15 16:36*	*09/14/15 20:06*	*1*

Client Sample ID: 2015.08.31 FIELD BLANK

Lab Sample ID: 160-13617-5

Date Collected: 08/31/15 12:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 09:54	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 09:54	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 09:54	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 09:54	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 09:54	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 09:54	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 09:54	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 09:54	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 09:54	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 09:54	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 09:54	1

Client Sample ID: 2015.08.31 FIELD BLANK

Lab Sample ID: 160-13617-5

Date Collected: 08/31/15 12:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.0	0.15	ug/L			09/04/15 09:54	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 09:54	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 09:54	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 09:54	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 09:54	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 09:54	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 09:54	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 09:54	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 09:54	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 09:54	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 09:54	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 09:54	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 09:54	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 09:54	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 09:54	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 09:54	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 09:54	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 09:54	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 09:54	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 09:54	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 09:54	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 09:54	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 09:54	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 09:54	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 09:54	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 09:54	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*78 - 127*		*09/04/15 09:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 123*		*09/04/15 09:54*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*09/04/15 09:54*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*09/04/15 09:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 12:04	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 12:04	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1

Client Sample ID: 2015.08.31 FIELD BLANK

Lab Sample ID: 160-13617-5

Date Collected: 08/31/15 12:00

Matrix: Water

Date Received: 09/02/15 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Diethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 12:04	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 12:04	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 12:04	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 12:04	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 12:04	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 12:04	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,3,4,6-Tetrachlorophenol	ND		48	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*43 - 108*	*09/02/15 15:32*	*09/16/15 12:04*	*1*
2-Fluorophenol (Surr)	*35*		*15 - 59*	*09/02/15 15:32*	*09/16/15 12:04*	*1*
Nitrobenzene-d5 (Surr)	*77*		*50 - 101*	*09/02/15 15:32*	*09/16/15 12:04*	*1*

Client Sample ID: 2015.08.31 FIELD BLANK

Lab Sample ID: 160-13617-5
Matrix: Water

Date Collected: 08/31/15 12:00
Date Received: 09/02/15 09:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	22		10 - 50	09/02/15 15:32	09/16/15 12:04	1
Terphenyl-d14 (Surr)	66		21 - 97	09/02/15 15:32	09/16/15 12:04	1
2,4,6-Tribromophenol (Surr)	86		37 - 120	09/02/15 15:32	09/16/15 12:04	1

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 16:38	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 16:38	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 16:38	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 16:38	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 16:38	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 16:38	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 16:38	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 16:38	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 16:38	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 16:38	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 16:38	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 16:38	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 16:38	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 16:38	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 16:38	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dinitrobenzene (Surr)	97		81 - 113	09/04/15 11:09	09/08/15 16:38	1

Client Sample ID: 2015.08.31 EQUIPMENT BLANK

Lab Sample ID: 160-13617-6
Matrix: Water

Date Collected: 08/31/15 12:20
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 10:19	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 10:19	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 10:19	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 10:19	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 10:19	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 10:19	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 10:19	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 10:19	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 10:19	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 10:19	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 10:19	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 10:19	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 10:19	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 10:19	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 10:19	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 10:19	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 10:19	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 10:19	1

Client Sample ID: 2015.08.31 EQUIPMENT BLANK

Lab Sample ID: 160-13617-6

Date Collected: 08/31/15 12:20
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 10:19	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 10:19	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 10:19	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 10:19	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 10:19	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 10:19	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 10:19	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 10:19	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 10:19	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 10:19	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 10:19	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 10:19	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 10:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 10:19	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 10:19	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 10:19	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 10:19	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 10:19	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 10:19	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*78 - 127*		*09/04/15 10:19*	*1*
4-Bromofluorobenzene (Surr)	*109*		*75 - 123*		*09/04/15 10:19*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*09/04/15 10:19*	*1*
Toluene-d8 (Surr)	*120*		*80 - 120*		*09/04/15 10:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Acenaphthylene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Aniline	ND		9.7	1.2	ug/L		09/02/15 15:32	09/16/15 12:37	1
Anthracene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Benzo[a]anthracene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Benzo[a]pyrene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Benzo[b]fluoranthene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Benzo[k]fluoranthene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,1'-Biphenyl	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Bis(2-chloroethyl)ether	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
bis (2-chloroisopropyl) ether	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Bis(2-ethylhexyl) phthalate	ND		9.7	1.8	ug/L		09/02/15 15:32	09/16/15 12:37	1
Butyl benzyl phthalate	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2-Chloronaphthalene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2-Chlorophenol	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Chrysene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Dibenz(a,h)anthracene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Dibenzofuran	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,2-Dichlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,3-Dichlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,4-Dichlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1

Client Sample ID: 2015.08.31 EQUIPMENT BLANK

Lab Sample ID: 160-13617-6

Date Collected: 08/31/15 12:20
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4-Dichlorophenol	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Diethyl phthalate	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4-Dimethylphenol	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Dimethyl phthalate	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Di-n-butyl phthalate	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,3-Dinitrobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4-Dinitrotoluene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,6-Dinitrotoluene	ND		9.7	2.1	ug/L		09/02/15 15:32	09/16/15 12:37	1
Di-n-octyl phthalate	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Diphenylamine	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Fluoranthene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Fluorene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Hexachlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Hexachlorobutadiene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Hexachlorocyclopentadiene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Hexachloroethane	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Indeno[1,2,3-cd]pyrene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Isophorone	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2-Methylnaphthalene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Naphthalene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2-Nitroaniline	ND		9.7	1.1	ug/L		09/02/15 15:32	09/16/15 12:37	1
3-Nitroaniline	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
4-Nitroaniline	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Nitrobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
4-Nitrophenol	ND		9.7	1.9	ug/L		09/02/15 15:32	09/16/15 12:37	1
N-Nitrosodi-n-propylamine	ND		9.7	1.5	ug/L		09/02/15 15:32	09/16/15 12:37	1
N-Nitrosodiphenylamine	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 12:37	1
Phenanthrene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
Phenol	ND		9.7	1.9	ug/L		09/02/15 15:32	09/16/15 12:37	1
Pyrene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,2,4,5-Tetrachlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,3,4,6-Tetrachlorophenol	ND		48	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
1,2,4-Trichlorobenzene	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4,5-Trichlorophenol	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1
2,4,6-Trichlorophenol	ND		9.7	0.97	ug/L		09/02/15 15:32	09/16/15 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*43 - 108*	*09/02/15 15:32*	*09/16/15 12:37*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 59*	*09/02/15 15:32*	*09/16/15 12:37*	*1*
Nitrobenzene-d5 (Surr)	*77*		*50 - 101*	*09/02/15 15:32*	*09/16/15 12:37*	*1*
Phenol-d5 (Surr)	*22*		*10 - 50*	*09/02/15 15:32*	*09/16/15 12:37*	*1*
Terphenyl-d14 (Surr)	*66*		*21 - 97*	*09/02/15 15:32*	*09/16/15 12:37*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*37 - 120*	*09/02/15 15:32*	*09/16/15 12:37*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 17:01	1

Client Sample ID: 2015.08.31 EQUIPMENT BLANK

Lab Sample ID: 160-13617-6

Date Collected: 08/31/15 12:20
Matrix: Water
Date Received: 09/02/15 09:30

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 17:01	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 17:01	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 17:01	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 17:01	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:01	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:01	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:01	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 17:01	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 17:01	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 17:01	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 17:01	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 17:01	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 17:01	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 17:01	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*93*		*81 - 113*	*09/04/15 11:09*	*09/08/15 17:01*	*1*

Client Sample ID: 2015.08.31 MW-1

Lab Sample ID: 160-13617-7

Date Collected: 08/31/15 13:00
Matrix: Water
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 10:43	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 10:43	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 10:43	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 10:43	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 10:43	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 10:43	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 10:43	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 10:43	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 10:43	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 10:43	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 10:43	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 10:43	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 10:43	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 10:43	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 10:43	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 10:43	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 10:43	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 10:43	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 10:43	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 10:43	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 10:43	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 10:43	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 10:43	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 10:43	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 10:43	1

Client Sample ID: 2015.08.31 MW-1

Date Collected: 08/31/15 13:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 10:43	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 10:43	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 10:43	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 10:43	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 10:43	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 10:43	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 10:43	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 10:43	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 10:43	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 10:43	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 10:43	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 10:43	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*78 - 127*		*09/04/15 10:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 123*		*09/04/15 10:43*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*09/04/15 10:43*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/04/15 10:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 13:09	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 13:09	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
3,3'-Dichlorobenzidine	ND		47	1.2	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Diethyl phthalate	**4.1**	**J**	9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1

Client Sample ID: 2015.08.31 MW-1

Date Collected: 08/31/15 13:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		47	1.9	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,6-Dinitrotoluene	ND		9.5	2.0	ug/L		09/02/15 15:32	09/16/15 13:09	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 13:09	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 13:09	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 13:09	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 13:09	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 13:09	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,3,4,6-Tetrachlorophenol	ND		47	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*43 - 108*	*09/02/15 15:32*	*09/16/15 13:09*	*1*
2-Fluorophenol (Surr)	*36*		*15 - 59*	*09/02/15 15:32*	*09/16/15 13:09*	*1*
Nitrobenzene-d5 (Surr)	*81*		*50 - 101*	*09/02/15 15:32*	*09/16/15 13:09*	*1*
Phenol-d5 (Surr)	*23*		*10 - 50*	*09/02/15 15:32*	*09/16/15 13:09*	*1*
Terphenyl-d14 (Surr)	*50*		*21 - 97*	*09/02/15 15:32*	*09/16/15 13:09*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*37 - 120*	*09/02/15 15:32*	*09/16/15 13:09*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 17:24	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 17:24	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 17:24	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 17:24	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 17:24	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:24	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:24	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:24	1

Client Sample ID: 2015.08.31 MW-1

Lab Sample ID: 160-13617-7
Matrix: Water

Date Collected: 08/31/15 13:00
Date Received: 09/02/15 09:30

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 17:24	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 17:24	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 17:24	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 17:24	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 17:24	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 17:24	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 17:24	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*103*		*81 - 113*	*09/04/15 11:09*	*09/08/15 17:24*	*1*

Client Sample ID: 2015.08.31 MW-2

Lab Sample ID: 160-13617-8
Matrix: Water

Date Collected: 08/31/15 13:30
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 11:08	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 11:08	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 11:08	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 11:08	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 11:08	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 11:08	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 11:08	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 11:08	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 11:08	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 11:08	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 11:08	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 11:08	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 11:08	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 11:08	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 11:08	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 11:08	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 11:08	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 11:08	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 11:08	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 11:08	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 11:08	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 11:08	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 11:08	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 11:08	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 11:08	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 11:08	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 11:08	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 11:08	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 11:08	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 11:08	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 11:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 11:08	1

Client Sample ID: 2015.08.31 MW-2

Date Collected: 08/31/15 13:30
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 11:08	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 11:08	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 11:08	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 11:08	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 11:08	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 127*		*09/04/15 11:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 123*		*09/04/15 11:08*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 120*		*09/04/15 11:08*	*1*
Toluene-d8 (Surr)	*148*	*X*	*80 - 120*		*09/04/15 11:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 13:42	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 13:42	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
3,3'-Dichlorobenzidine	ND		47	1.2	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Diethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4-Dinitrophenol	ND		47	1.9	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 13:42	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1

Client Sample ID: 2015.08.31 MW-2

Date Collected: 08/31/15 13:30
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 13:42	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 13:42	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 13:42	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 13:42	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 13:42	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,3,4,6-Tetrachlorophenol	ND		47	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*43 - 108*	*09/02/15 15:32*	*09/16/15 13:42*	*1*
2-Fluorophenol (Surr)	*39*		*15 - 59*	*09/02/15 15:32*	*09/16/15 13:42*	*1*
Nitrobenzene-d5 (Surr)	*80*		*50 - 101*	*09/02/15 15:32*	*09/16/15 13:42*	*1*
Phenol-d5 (Surr)	*23*		*10 - 50*	*09/02/15 15:32*	*09/16/15 13:42*	*1*
Terphenyl-d14 (Surr)	*50*		*21 - 97*	*09/02/15 15:32*	*09/16/15 13:42*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*37 - 120*	*09/02/15 15:32*	*09/16/15 13:42*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 17:47	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 17:47	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 17:47	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 17:47	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 17:47	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:47	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:47	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 17:47	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 17:47	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 17:47	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 17:47	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 17:47	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 17:47	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 17:47	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 17:47	1

Client Sample ID: 2015.08.31 MW-2

Lab Sample ID: 160-13617-8
Matrix: Water

Date Collected: 08/31/15 13:30
Date Received: 09/02/15 09:30

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*110*		*81 - 113*	*09/04/15 11:09*	*09/08/15 17:47*	*1*

Client Sample ID: 2015.08.31 MW-3

Lab Sample ID: 160-13617-9
Matrix: Water

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 11:33	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 11:33	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 11:33	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 11:33	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 11:33	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 11:33	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 11:33	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 11:33	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 11:33	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 11:33	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 11:33	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 11:33	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 11:33	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 11:33	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 11:33	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 11:33	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 11:33	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 11:33	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 11:33	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 11:33	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 11:33	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 11:33	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 11:33	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 11:33	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 11:33	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 11:33	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 11:33	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 11:33	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 11:33	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 11:33	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 11:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 11:33	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 11:33	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 11:33	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 11:33	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 11:33	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 11:33	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 11:33	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: 2015.08.31 MW-3

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-9

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*78 - 127*		*09/04/15 11:33*	*1*
4-Bromofluorobenzene (Surr)	*84*		*75 - 123*		*09/04/15 11:33*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*09/04/15 11:33*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*09/04/15 11:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 14:15	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 14:15	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
3,3'-Dichlorobenzidine	ND		47	1.2	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Diethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4-Dinitrophenol	ND		47	1.9	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 14:15	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1

Client Sample ID: 2015.08.31 MW-3

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 14:15	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 14:15	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 14:15	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 14:15	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 14:15	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,3,4,6-Tetrachlorophenol	ND		47	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 108*	*09/02/15 15:32*	*09/16/15 14:15*	*1*
2-Fluorophenol (Surr)	*35*		*15 - 59*	*09/02/15 15:32*	*09/16/15 14:15*	*1*
Nitrobenzene-d5 (Surr)	*77*		*50 - 101*	*09/02/15 15:32*	*09/16/15 14:15*	*1*
Phenol-d5 (Surr)	*23*		*10 - 50*	*09/02/15 15:32*	*09/16/15 14:15*	*1*
Terphenyl-d14 (Surr)	*51*		*21 - 97*	*09/02/15 15:32*	*09/16/15 14:15*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*37 - 120*	*09/02/15 15:32*	*09/16/15 14:15*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 18:10	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 18:10	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 18:10	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 18:10	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 18:10	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:10	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:10	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:10	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 18:10	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 18:10	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 18:10	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 18:10	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 18:10	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 18:10	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 18:10	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*103*		*81 - 113*	*09/04/15 11:09*	*09/08/15 18:10*	*1*

Client Sample ID: 2015.08.31 MW-4

Lab Sample ID: 160-13617-10

Date Collected: 08/31/15 14:30
Matrix: Water
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 16:04	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 16:04	1
Bromoform	ND	* F2	5.0	0.37	ug/L			09/04/15 16:04	1
Bromodichloromethane	ND	F2	5.0	0.25	ug/L			09/04/15 16:04	1
Bromomethane	ND	F2	10	0.40	ug/L			09/04/15 16:04	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 16:04	1
Carbon disulfide	ND	F1	5.0	0.37	ug/L			09/04/15 16:04	1
Carbon tetrachloride	ND	F2 F1	5.0	0.36	ug/L			09/04/15 16:04	1
Chlorobenzene	ND	*	5.0	0.38	ug/L			09/04/15 16:04	1
Chlorodibromomethane	ND	*	5.0	0.33	ug/L			09/04/15 16:04	1
Chloroethane	ND	F2	10	0.38	ug/L			09/04/15 16:04	1
Chloroform	ND	F2 F1	5.0	0.15	ug/L			09/04/15 16:04	1
Chloromethane	ND	F1	10	0.55	ug/L			09/04/15 16:04	1
1,2-Dibromo-3-Chloropropane	ND	* F2	10	1.2	ug/L			09/04/15 16:04	1
1,1-Dichloroethane	ND	F1	5.0	0.39	ug/L			09/04/15 16:04	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 16:04	1
cis-1,2-Dichloroethene	ND	F1 F2	5.0	0.16	ug/L			09/04/15 16:04	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 16:04	1
1,1-Dichloroethene	ND	F1	5.0	0.37	ug/L			09/04/15 16:04	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 16:04	1
Ethylbenzene	ND	*	5.0	0.30	ug/L			09/04/15 16:04	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 16:04	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 16:04	1
Methylene Chloride	ND	F1	5.0	1.7	ug/L			09/04/15 16:04	1
4-Methyl-2-pentanone (MIBK)	ND	*	20	0.33	ug/L			09/04/15 16:04	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 16:04	1
Trichlorofluoromethane	ND	F2	5.0	0.22	ug/L			09/04/15 16:04	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 16:04	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 16:04	1
Vinyl chloride	ND	F1	5.0	0.43	ug/L			09/04/15 16:04	1
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.25	ug/L			09/04/15 16:04	1
1,1,2,2-Tetrachloroethane	ND	* F2	5.0	0.43	ug/L			09/04/15 16:04	1
1,1,2-Trichloroethane	ND	*	5.0	0.57	ug/L			09/04/15 16:04	1
Styrene	ND	* F2 F1	5.0	0.35	ug/L			09/04/15 16:04	1
Tetrachloroethene	ND	*	5.0	0.28	ug/L			09/04/15 16:04	1
Toluene	ND	*	5.0	1.0	ug/L			09/04/15 16:04	1
Xylenes, Total	ND	* F1	10	0.85	ug/L			09/04/15 16:04	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*78 - 127*		*09/04/15 16:04*	*1*
4-Bromofluorobenzene (Surr)	*95*	*	*75 - 123*		*09/04/15 16:04*	*1*
Dibromofluoromethane (Surr)	*142*	*X*	*80 - 120*		*09/04/15 16:04*	*1*
Toluene-d8 (Surr)	*111*	*	*80 - 120*		*09/04/15 16:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Acenaphthylene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Aniline	ND		9.6	1.2	ug/L		09/02/15 15:32	09/16/15 14:48	1

Client Sample ID: 2015.08.31 MW-4

Date Collected: 08/31/15 14:30
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Benzo[a]anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Benzo[a]pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Benzo[b]fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Benzo[k]fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,1'-Biphenyl	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Bis(2-chloroethyl)ether	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
bis (2-chloroisopropyl) ether	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Bis(2-ethylhexyl) phthalate	ND		9.6	1.8	ug/L		09/02/15 15:32	09/16/15 14:48	1
Butyl benzyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2-Chloronaphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2-Chlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Chrysene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Dibenz(a,h)anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Dibenzofuran	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,2-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,3-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,4-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4-Dichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Diethyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4-Dimethylphenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Dimethyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Di-n-butyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,3-Dinitrobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4-Dinitrotoluene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,6-Dinitrotoluene	ND		9.6	2.1	ug/L		09/02/15 15:32	09/16/15 14:48	1
Di-n-octyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Diphenylamine	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Fluorene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Hexachlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Hexachlorobutadiene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Hexachlorocyclopentadiene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Hexachloroethane	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Indeno[1,2,3-cd]pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Isophorone	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2-Methylnaphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Naphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2-Nitroaniline	ND		9.6	1.1	ug/L		09/02/15 15:32	09/16/15 14:48	1
3-Nitroaniline	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
4-Nitroaniline	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Nitrobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
4-Nitrophenol	ND		9.6	1.9	ug/L		09/02/15 15:32	09/16/15 14:48	1
N-Nitrosodi-n-propylamine	ND		9.6	1.4	ug/L		09/02/15 15:32	09/16/15 14:48	1
N-Nitrosodiphenylamine	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 14:48	1
Phenanthrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1

Client Sample ID: 2015.08.31 MW-4

Lab Sample ID: 160-13617-10
Matrix: Water

Date Collected: 08/31/15 14:30
Date Received: 09/02/15 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		9.6	1.9	ug/L		09/02/15 15:32	09/16/15 14:48	1
Pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,2,4,5-Tetrachlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,3,4,6-Tetrachlorophenol	ND		48	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
1,2,4-Trichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4,5-Trichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1
2,4,6-Trichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 108*	*09/02/15 15:32*	*09/16/15 14:48*	*1*
2-Fluorophenol (Surr)	*35*		*15 - 59*	*09/02/15 15:32*	*09/16/15 14:48*	*1*
Nitrobenzene-d5 (Surr)	*79*		*50 - 101*	*09/02/15 15:32*	*09/16/15 14:48*	*1*
Phenol-d5 (Surr)	*23*		*10 - 50*	*09/02/15 15:32*	*09/16/15 14:48*	*1*
Terphenyl-d14 (Surr)	*48*		*21 - 97*	*09/02/15 15:32*	*09/16/15 14:48*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*37 - 120*	*09/02/15 15:32*	*09/16/15 14:48*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 18:33	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 18:33	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 18:33	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 18:33	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 18:33	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:33	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:33	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 18:33	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 18:33	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 18:33	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 18:33	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 18:33	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 18:33	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 18:33	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 18:33	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*90*		*81 - 113*	*09/04/15 11:09*	*09/08/15 18:33*	*1*

Client Sample ID: 2015.08.31 MW-5

Lab Sample ID: 160-13617-11
Matrix: Water

Date Collected: 08/31/15 15:00
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 11:58	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 11:58	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 11:58	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 11:58	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 11:58	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 11:58	1

Client Sample ID: 2015.08.31 MW-5

Date Collected: 08/31/15 15:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 11:58	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 11:58	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 11:58	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 11:58	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 11:58	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 11:58	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 11:58	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 11:58	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 11:58	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 11:58	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 11:58	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 11:58	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 11:58	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 11:58	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 11:58	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 11:58	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 11:58	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 11:58	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 11:58	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 11:58	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 11:58	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 11:58	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 11:58	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 11:58	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 11:58	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 11:58	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 11:58	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 11:58	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 11:58	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 11:58	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 11:58	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 127*		*09/04/15 11:58*	*1*
4-Bromofluorobenzene (Surr)	*93*	*	*75 - 123*		*09/04/15 11:58*	*1*
Dibromofluoromethane (Surr)	*115*		*80 - 120*		*09/04/15 11:58*	*1*
Toluene-d8 (Surr)	*147*	*X*	*80 - 120*		*09/04/15 11:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 16:27	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1

Client Sample ID: 2015.08.31 MW-5

Date Collected: 08/31/15 15:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 16:27	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Diethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 16:27	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 16:27	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 16:27	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 16:27	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 16:27	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 16:27	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,3,4,6-Tetrachlorophenol	ND		48	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1

Client Sample ID: 2015.08.31 MW-5

Lab Sample ID: 160-13617-11

Date Collected: 08/31/15 15:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*43 - 108*	*09/02/15 15:32*	*09/16/15 16:27*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 59*	*09/02/15 15:32*	*09/16/15 16:27*	*1*
Nitrobenzene-d5 (Surr)	*78*		*50 - 101*	*09/02/15 15:32*	*09/16/15 16:27*	*1*
Phenol-d5 (Surr)	*20*		*10 - 50*	*09/02/15 15:32*	*09/16/15 16:27*	*1*
Terphenyl-d14 (Surr)	*31*		*21 - 97*	*09/02/15 15:32*	*09/16/15 16:27*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*37 - 120*	*09/02/15 15:32*	*09/16/15 16:27*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 20:05	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 20:05	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 20:05	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 20:05	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 20:05	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:05	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:05	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:05	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 20:05	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 20:05	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 20:05	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 20:05	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 20:05	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 20:05	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 20:05	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*90*		*81 - 113*	*09/04/15 11:09*	*09/08/15 20:05*	*1*

Client Sample ID: 2015.08.31 MW-6

Lab Sample ID: 160-13617-12

Date Collected: 08/31/15 15:30
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 12:22	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 12:22	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 12:22	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 12:22	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 12:22	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 12:22	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 12:22	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 12:22	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 12:22	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 12:22	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 12:22	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 12:22	1

Client Sample ID: 2015.08.31 MW-6

Date Collected: 08/31/15 15:30
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		10	0.55	ug/L			09/04/15 12:22	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 12:22	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 12:22	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 12:22	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 12:22	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 12:22	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 12:22	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 12:22	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 12:22	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 12:22	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 12:22	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 12:22	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 12:22	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 12:22	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 12:22	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 12:22	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 12:22	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 12:22	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 12:22	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 12:22	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 12:22	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 12:22	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 12:22	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 12:22	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 127*		*09/04/15 12:22*	*1*
4-Bromofluorobenzene (Surr)	*96*	*	*75 - 123*		*09/04/15 12:22*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*09/04/15 12:22*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/04/15 12:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 17:00	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 17:00	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: 2015.08.31 MW-6

Date Collected: 08/31/15 15:30
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Diethyl phthalate	**1.4**	**J**	9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 17:00	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2-Nitroaniline	ND		9.5	1.1	ug/L		09/02/15 15:32	09/16/15 17:00	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 17:00	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 17:00	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 17:00	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 17:00	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,3,4,6-Tetrachlorophenol	ND		48	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*43 - 108*	*09/02/15 15:32*	*09/16/15 17:00*	*1*
2-Fluorophenol (Surr)	*37*		*15 - 59*	*09/02/15 15:32*	*09/16/15 17:00*	*1*
Nitrobenzene-d5 (Surr)	*83*		*50 - 101*	*09/02/15 15:32*	*09/16/15 17:00*	*1*
Phenol-d5 (Surr)	*24*		*10 - 50*	*09/02/15 15:32*	*09/16/15 17:00*	*1*

Client Sample ID: 2015.08.31 MW-6

Lab Sample ID: 160-13617-12

Date Collected: 08/31/15 15:30
Date Received: 09/02/15 09:30

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*28*		*21 - 97*	*09/02/15 15:32*	*09/16/15 17:00*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*37 - 120*	*09/02/15 15:32*	*09/16/15 17:00*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 20:28	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 20:28	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 20:28	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 20:28	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 20:28	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:28	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:28	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:28	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 20:28	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 20:28	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 20:28	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 20:28	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 20:28	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 20:28	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 20:28	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*109*		*81 - 113*	*09/04/15 11:09*	*09/08/15 20:28*	*1*

Client Sample ID: 2015.08.31 GW DUP # 1

Lab Sample ID: 160-13617-13

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 12:47	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 12:47	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 12:47	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 12:47	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 12:47	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 12:47	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 12:47	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 12:47	1
Chlorobenzene	ND	*	5.0	0.38	ug/L			09/04/15 12:47	1
Chlorodibromomethane	ND	*	5.0	0.33	ug/L			09/04/15 12:47	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 12:47	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 12:47	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 12:47	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 12:47	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 12:47	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 12:47	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 12:47	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 12:47	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 12:47	1

Client Sample ID: 2015.08.31 GW DUP # 1

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 12:47	1
Ethylbenzene	ND	*	5.0	0.30	ug/L			09/04/15 12:47	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 12:47	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 12:47	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 12:47	1
4-Methyl-2-pentanone (MIBK)	ND	*	20	0.33	ug/L			09/04/15 12:47	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 12:47	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 12:47	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 12:47	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 12:47	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 12:47	1
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.25	ug/L			09/04/15 12:47	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 12:47	1
1,1,2-Trichloroethane	ND	*	5.0	0.57	ug/L			09/04/15 12:47	1
Styrene	ND	*	5.0	0.35	ug/L			09/04/15 12:47	1
Tetrachloroethene	ND	*	5.0	0.28	ug/L			09/04/15 12:47	1
Toluene	ND	*	5.0	1.0	ug/L			09/04/15 12:47	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 12:47	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 127*		*09/04/15 12:47*	*1*
4-Bromofluorobenzene (Surr)	*94*	*	*75 - 123*		*09/04/15 12:47*	*1*
Dibromofluoromethane (Surr)	*120*		*80 - 120*		*09/04/15 12:47*	*1*
Toluene-d8 (Surr)	*117*	*	*80 - 120*		*09/04/15 12:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Acenaphthylene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Aniline	ND		9.5	1.2	ug/L		09/02/15 15:32	09/16/15 17:32	1
Anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Benzo[a]anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Benzo[a]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Benzo[b]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Benzo[k]fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,1'-Biphenyl	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Bis(2-chloroethyl)ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
bis (2-chloroisopropyl) ether	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Bis(2-ethylhexyl) phthalate	ND		9.5	1.8	ug/L		09/02/15 15:32	09/16/15 17:32	1
Butyl benzyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2-Chloronaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2-Chlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Chrysene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Dibenz(a,h)anthracene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Dibenzofuran	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,2-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,3-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,4-Dichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 17:32	1

Client Sample ID: 2015.08.31 GW DUP # 1

Lab Sample ID: 160-13617-13

Date Collected: 08/31/15 00:00

Matrix: Water

Date Received: 09/02/15 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Diethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,4-Dimethylphenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Dimethyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Di-n-butyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,3-Dinitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,4-Dinitrotoluene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,6-Dinitrotoluene	ND		9.5	2.1	ug/L		09/02/15 15:32	09/16/15 17:32	1
Di-n-octyl phthalate	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Diphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Fluoranthene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Fluorene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Hexachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Hexachlorobutadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Hexachlorocyclopentadiene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Hexachloroethane	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Indeno[1,2,3-cd]pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Isophorone	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2-Methylnaphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Naphthalene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2-Nitroaniline	ND		9.5	1.0	ug/L		09/02/15 15:32	09/16/15 17:32	1
3-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
4-Nitroaniline	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Nitrobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
4-Nitrophenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 17:32	1
N-Nitrosodi-n-propylamine	ND		9.5	1.4	ug/L		09/02/15 15:32	09/16/15 17:32	1
N-Nitrosodiphenylamine	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 17:32	1
Phenanthrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
Phenol	ND		9.5	1.9	ug/L		09/02/15 15:32	09/16/15 17:32	1
Pyrene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,2,4,5-Tetrachlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,3,4,6-Tetrachlorophenol	ND		48	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
1,2,4-Trichlorobenzene	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,4,5-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1
2,4,6-Trichlorophenol	ND		9.5	0.95	ug/L		09/02/15 15:32	09/16/15 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*43 - 108*	*09/02/15 15:32*	*09/16/15 17:32*	*1*
2-Fluorophenol (Surr)	*36*		*15 - 59*	*09/02/15 15:32*	*09/16/15 17:32*	*1*
Nitrobenzene-d5 (Surr)	*81*		*50 - 101*	*09/02/15 15:32*	*09/16/15 17:32*	*1*
Phenol-d5 (Surr)	*23*		*10 - 50*	*09/02/15 15:32*	*09/16/15 17:32*	*1*
Terphenyl-d14 (Surr)	*28*		*21 - 97*	*09/02/15 15:32*	*09/16/15 17:32*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*37 - 120*	*09/02/15 15:32*	*09/16/15 17:32*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 20:51	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 20:51	1

Client Sample ID: 2015.08.31 GW DUP # 1

Lab Sample ID: 160-13617-13

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 20:51	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 20:51	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 20:51	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:51	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:51	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 20:51	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 20:51	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 20:51	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 20:51	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 20:51	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 20:51	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 20:51	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 20:51	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*101*		*81 - 113*	*09/04/15 11:09*	*09/08/15 20:51*	*1*

Client Sample ID: 2015.08.31 SURFACE WATER DOWNSTREAM

Lab Sample ID: 160-13617-14

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 13:12	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 13:12	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 13:12	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 13:12	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 13:12	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 13:12	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 13:12	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 13:12	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 13:12	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 13:12	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 13:12	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 13:12	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 13:12	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 13:12	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 13:12	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 13:12	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 13:12	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 13:12	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 13:12	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 13:12	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 13:12	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 13:12	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 13:12	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 13:12	1

Client Sample ID: 2015.08.31 SURFACE WATER DOWNSTREAM

Lab Sample ID: 160-13617-14

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 13:12	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 13:12	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 13:12	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 13:12	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 13:12	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 13:12	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 13:12	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 13:12	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 13:12	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 13:12	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 13:12	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 13:12	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*78 - 127*		*09/04/15 13:12*	*1*
4-Bromofluorobenzene (Surr)	*132*	*X	*75 - 123*		*09/04/15 13:12*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*09/04/15 13:12*	*1*
Toluene-d8 (Surr)	*117*		*80 - 120*		*09/04/15 13:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,2,4,5-Tetrachlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,2,4-Trichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,3-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,3-Dinitrobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
1,4-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,3,4,6-Tetrachlorophenol	ND		51	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4,5-Trichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4,6-Trichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4-Dichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4-Dimethylphenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4-Dinitrophenol	ND		51	2.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2,6-Dinitrotoluene	ND		10	2.2	ug/L		09/02/15 15:32	09/16/15 18:05	1
2-Chloronaphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2-Chlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2-Methylnaphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
2-Nitroaniline	ND		10	1.1	ug/L		09/02/15 15:32	09/16/15 18:05	1
3,3'-Dichlorobenzidine	ND		51	1.3	ug/L		09/02/15 15:32	09/16/15 18:05	1
3-Nitroaniline	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
4-Nitroaniline	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
4-Nitrophenol	ND		10	2.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Acenaphthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Acenaphthylene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Aniline	ND		10	1.3	ug/L		09/02/15 15:32	09/16/15 18:05	1
Anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1

Client Sample ID: 2015.08.31 SURFACE WATER DOWNSTREAM

Lab Sample ID: 160-13617-14

Date Collected: 08/31/15 14:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Benzo[a]pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Benzo[b]fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Benzo[k]fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
bis (2-chloroisopropyl) ether	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Bis(2-chloroethyl)ether	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Bis(2-ethylhexyl) phthalate	ND		10	1.9	ug/L		09/02/15 15:32	09/16/15 18:05	1
Butyl benzyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Chrysene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Dibenz(a,h)anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Dibenzofuran	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Diethyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Dimethyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Di-n-butyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Di-n-octyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Diphenylamine	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Fluorene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Hexachlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Hexachlorobutadiene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Hexachlorocyclopentadiene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Hexachloroethane	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Indeno[1,2,3-cd]pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Isophorone	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Naphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Nitrobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
N-Nitrosodi-n-propylamine	ND		10	1.5	ug/L		09/02/15 15:32	09/16/15 18:05	1
N-Nitrosodiphenylamine	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Pentachlorophenol	ND		20	1.3	ug/L		09/02/15 15:32	09/16/15 18:05	1
Phenanthrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Phenol	ND		10	2.0	ug/L		09/02/15 15:32	09/16/15 18:05	1
Pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*37 - 120*	*09/02/15 15:32*	*09/16/15 18:05*	*1*
2-Fluorobiphenyl (Surr)	*75*		*43 - 108*	*09/02/15 15:32*	*09/16/15 18:05*	*1*
2-Fluorophenol (Surr)	*30*		*15 - 59*	*09/02/15 15:32*	*09/16/15 18:05*	*1*
Nitrobenzene-d5 (Surr)	*77*		*50 - 101*	*09/02/15 15:32*	*09/16/15 18:05*	*1*
Phenol-d5 (Surr)	*20*		*10 - 50*	*09/02/15 15:32*	*09/16/15 18:05*	*1*
Terphenyl-d14 (Surr)	*44*		*21 - 97*	*09/02/15 15:32*	*09/16/15 18:05*	*1*

Client Sample ID: 2015.08.31 SURFACE WATER POINT OF DISCHARGE

Lab Sample ID: 160-13617-15

Date Collected: 08/31/15 15:45
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 13:36	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 13:36	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 13:36	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 13:36	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 13:36	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 13:36	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 13:36	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 13:36	1
Chlorobenzene	ND	*	5.0	0.38	ug/L			09/04/15 13:36	1
Chlorodibromomethane	ND	*	5.0	0.33	ug/L			09/04/15 13:36	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 13:36	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 13:36	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 13:36	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 13:36	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 13:36	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 13:36	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 13:36	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 13:36	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 13:36	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 13:36	1
Ethylbenzene	ND	*	5.0	0.30	ug/L			09/04/15 13:36	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 13:36	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 13:36	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 13:36	1
4-Methyl-2-pentanone (MIBK)	ND	*	20	0.33	ug/L			09/04/15 13:36	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 13:36	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 13:36	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 13:36	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 13:36	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 13:36	1
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.25	ug/L			09/04/15 13:36	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 13:36	1
1,1,2-Trichloroethane	ND	*	5.0	0.57	ug/L			09/04/15 13:36	1
Styrene	ND	*	5.0	0.35	ug/L			09/04/15 13:36	1
Tetrachloroethene	ND	*	5.0	0.28	ug/L			09/04/15 13:36	1
Toluene	ND	*	5.0	1.0	ug/L			09/04/15 13:36	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 13:36	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*78 - 127*		*09/04/15 13:36*	*1*
4-Bromofluorobenzene (Surr)	*92*	*	*75 - 123*		*09/04/15 13:36*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*09/04/15 13:36*	*1*
Toluene-d8 (Surr)	*119*	*	*80 - 120*		*09/04/15 13:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
1,2,4,5-Tetrachlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1

Client Sample ID: 2015.08.31 SURFACE WATER POINT OF DISCHARGE

Lab Sample ID: 160-13617-15

Date Collected: 08/31/15 15:45
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
1,2-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
1,3-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
1,3-Dinitrobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
1,4-Dichlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,3,4,6-Tetrachlorophenol	ND		48	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4,5-Trichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4,6-Trichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4-Dichlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4-Dimethylphenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4-Dinitrophenol	ND		48	1.9	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,4-Dinitrotoluene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2,6-Dinitrotoluene	ND		9.6	2.1	ug/L		09/02/15 15:32	09/16/15 18:38	1
2-Chloronaphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2-Chlorophenol	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2-Methylnaphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
2-Nitroaniline	ND		9.6	1.1	ug/L		09/02/15 15:32	09/16/15 18:38	1
3,3'-Dichlorobenzidine	ND		48	1.2	ug/L		09/02/15 15:32	09/16/15 18:38	1
3-Nitroaniline	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
4-Nitroaniline	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
4-Nitrophenol	ND		9.6	1.9	ug/L		09/02/15 15:32	09/16/15 18:38	1
Acenaphthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Acenaphthylene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Aniline	ND		9.6	1.2	ug/L		09/02/15 15:32	09/16/15 18:38	1
Anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Benzo[a]anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Benzo[a]pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Benzo[b]fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Benzo[k]fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
bis (2-chloroisopropyl) ether	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Bis(2-chloroethyl)ether	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Bis(2-ethylhexyl) phthalate	ND		9.6	1.8	ug/L		09/02/15 15:32	09/16/15 18:38	1
Butyl benzyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Chrysene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Dibenz(a,h)anthracene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Dibenzofuran	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Diethyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Dimethyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Di-n-butyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Di-n-octyl phthalate	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Diphenylamine	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Fluoranthene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Fluorene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Hexachlorobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Hexachlorobutadiene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Hexachlorocyclopentadiene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Hexachloroethane	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Indeno[1,2,3-cd]pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1

Client Sample ID: 2015.08.31 SURFACE WATER POINT OF DISCHARGE

Lab Sample ID: 160-13617-15

Date Collected: 08/31/15 15:45
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Naphthalene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Nitrobenzene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
N-Nitrosodi-n-propylamine	ND		9.6	1.4	ug/L		09/02/15 15:32	09/16/15 18:38	1
N-Nitrosodiphenylamine	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Pentachlorophenol	ND		19	1.2	ug/L		09/02/15 15:32	09/16/15 18:38	1
Phenanthrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1
Phenol	ND		9.6	1.9	ug/L		09/02/15 15:32	09/16/15 18:38	1
Pyrene	ND		9.6	0.96	ug/L		09/02/15 15:32	09/16/15 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*37 - 120*	*09/02/15 15:32*	*09/16/15 18:38*	*1*
2-Fluorobiphenyl (Surr)	*77*		*43 - 108*	*09/02/15 15:32*	*09/16/15 18:38*	*1*
2-Fluorophenol (Surr)	*29*		*15 - 59*	*09/02/15 15:32*	*09/16/15 18:38*	*1*
Nitrobenzene-d5 (Surr)	*77*		*50 - 101*	*09/02/15 15:32*	*09/16/15 18:38*	*1*
Phenol-d5 (Surr)	*19*		*10 - 50*	*09/02/15 15:32*	*09/16/15 18:38*	*1*
Terphenyl-d14 (Surr)	*45*		*21 - 97*	*09/02/15 15:32*	*09/16/15 18:38*	*1*

Client Sample ID: 2015.08.31 SURFACE WATER UPSTREAM

Lab Sample ID: 160-13617-16

Date Collected: 08/31/15 18:20
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 14:01	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 14:01	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 14:01	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 14:01	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 14:01	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 14:01	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 14:01	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 14:01	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 14:01	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 14:01	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 14:01	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 14:01	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 14:01	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 14:01	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 14:01	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 14:01	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 14:01	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 14:01	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 14:01	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 14:01	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 14:01	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 14:01	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 14:01	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 14:01	1

Client Sample ID: 2015.08.31 SURFACE WATER UPSTREAM

Lab Sample ID: 160-13617-16

Date Collected: 08/31/15 18:20

Matrix: Water

Date Received: 09/02/15 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 14:01	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 14:01	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 14:01	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 14:01	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 14:01	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 14:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 14:01	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 14:01	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 14:01	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 14:01	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 14:01	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 14:01	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*78 - 127*		*09/04/15 14:01*	*1*
4-Bromofluorobenzene (Surr)	*79*		*75 - 123*		*09/04/15 14:01*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*09/04/15 14:01*	*1*
Toluene-d8 (Surr)	*121*	*X*	*80 - 120*		*09/04/15 14:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,2,4,5-Tetrachlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,2,4-Trichlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,2-Dichlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,3-Dichlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,3-Dinitrobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
1,4-Dichlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,3,4,6-Tetrachlorophenol	ND		50	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4,5-Trichlorophenol	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4,6-Trichlorophenol	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4-Dichlorophenol	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4-Dimethylphenol	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4-Dinitrophenol	ND		50	2.0	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,4-Dinitrotoluene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2,6-Dinitrotoluene	ND		9.9	2.1	ug/L		09/02/15 15:32	09/16/15 19:11	1
2-Chloronaphthalene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2-Chlorophenol	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2-Methylnaphthalene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
2-Nitroaniline	ND		9.9	1.1	ug/L		09/02/15 15:32	09/16/15 19:11	1
3,3'-Dichlorobenzidine	ND		50	1.3	ug/L		09/02/15 15:32	09/16/15 19:11	1
3-Nitroaniline	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
4-Nitroaniline	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
4-Nitrophenol	ND		9.9	2.0	ug/L		09/02/15 15:32	09/16/15 19:11	1
Acenaphthene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Acenaphthylene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Aniline	ND		9.9	1.3	ug/L		09/02/15 15:32	09/16/15 19:11	1
Anthracene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Benzo[a]anthracene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1

Client Sample ID: 2015.08.31 SURFACE WATER UPSTREAM

Lab Sample ID: 160-13617-16

Date Collected: 08/31/15 18:20
Matrix: Water
Date Received: 09/02/15 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Benzo[b]fluoranthene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Benzo[k]fluoranthene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
bis (2-chloroisopropyl) ether	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Bis(2-chloroethyl)ether	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Bis(2-ethylhexyl) phthalate	ND		9.9	1.8	ug/L		09/02/15 15:32	09/16/15 19:11	1
Butyl benzyl phthalate	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Chrysene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Dibenz(a,h)anthracene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Dibenzofuran	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Diethyl phthalate	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Dimethyl phthalate	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Di-n-butyl phthalate	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Di-n-octyl phthalate	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Diphenylamine	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Fluoranthene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Fluorene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Hexachlorobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Hexachlorobutadiene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Hexachlorocyclopentadiene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Hexachloroethane	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Indeno[1,2,3-cd]pyrene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Isophorone	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Naphthalene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Nitrobenzene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
N-Nitrosodi-n-propylamine	ND		9.9	1.5	ug/L		09/02/15 15:32	09/16/15 19:11	1
N-Nitrosodiphenylamine	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Pentachlorophenol	ND		20	1.3	ug/L		09/02/15 15:32	09/16/15 19:11	1
Phenanthrene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1
Phenol	ND		9.9	2.0	ug/L		09/02/15 15:32	09/16/15 19:11	1
Pyrene	ND		9.9	0.99	ug/L		09/02/15 15:32	09/16/15 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*37 - 120*	*09/02/15 15:32*	*09/16/15 19:11*	*1*
2-Fluorobiphenyl (Surr)	*82*		*43 - 108*	*09/02/15 15:32*	*09/16/15 19:11*	*1*
2-Fluorophenol (Surr)	*38*		*15 - 59*	*09/02/15 15:32*	*09/16/15 19:11*	*1*
Nitrobenzene-d5 (Surr)	*83*		*50 - 101*	*09/02/15 15:32*	*09/16/15 19:11*	*1*
Phenol-d5 (Surr)	*24*		*10 - 50*	*09/02/15 15:32*	*09/16/15 19:11*	*1*
Terphenyl-d14 (Surr)	*52*		*21 - 97*	*09/02/15 15:32*	*09/16/15 19:11*	*1*

Client Sample ID: TRIP BLANK 1

Lab Sample ID: 160-13617-17

Date Collected: 08/31/15 00:00
Matrix: Water
Date Received: 09/02/15 09:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 14:26	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 14:26	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 14:26	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 14:26	1

Client Sample ID: TRIP BLANK 1

Lab Sample ID: 160-13617-17

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		10	0.40	ug/L			09/04/15 14:26	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 14:26	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 14:26	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 14:26	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 14:26	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 14:26	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 14:26	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 14:26	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 14:26	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 14:26	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 14:26	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 14:26	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 14:26	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 14:26	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 14:26	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 14:26	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 14:26	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 14:26	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 14:26	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 14:26	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 14:26	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 14:26	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 14:26	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 14:26	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 14:26	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 14:26	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 14:26	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 14:26	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 14:26	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 14:26	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 14:26	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 14:26	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*78 - 127*		*09/04/15 14:26*	*1*
4-Bromofluorobenzene (Surr)	*111*	*	*75 - 123*		*09/04/15 14:26*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*09/04/15 14:26*	*1*
Toluene-d8 (Surr)	*123*	*X*	*80 - 120*		*09/04/15 14:26*	*1*

Client Sample ID: TRIP BLANK 2

Lab Sample ID: 160-13617-18

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 14:51	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 14:51	1
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 14:51	1

Client Sample ID: TRIP BLANK 2

Lab Sample ID: 160-13617-18

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 14:51	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 14:51	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 14:51	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 14:51	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 14:51	1
Chlorobenzene	ND	*	5.0	0.38	ug/L			09/04/15 14:51	1
Chlorodibromomethane	ND	*	5.0	0.33	ug/L			09/04/15 14:51	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 14:51	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 14:51	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 14:51	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 14:51	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 14:51	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 14:51	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 14:51	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 14:51	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 14:51	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 14:51	1
Ethylbenzene	ND	*	5.0	0.30	ug/L			09/04/15 14:51	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 14:51	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 14:51	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 14:51	1
4-Methyl-2-pentanone (MIBK)	ND	*	20	0.33	ug/L			09/04/15 14:51	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 14:51	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 14:51	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 14:51	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 14:51	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 14:51	1
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.25	ug/L			09/04/15 14:51	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 14:51	1
1,1,2-Trichloroethane	ND	*	5.0	0.57	ug/L			09/04/15 14:51	1
Styrene	ND	*	5.0	0.35	ug/L			09/04/15 14:51	1
Tetrachloroethene	ND	*	5.0	0.28	ug/L			09/04/15 14:51	1
Toluene	ND	*	5.0	1.0	ug/L			09/04/15 14:51	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 14:51	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*78 - 127*		*09/04/15 14:51*	*1*
4-Bromofluorobenzene (Surr)	*97*	*	*75 - 123*		*09/04/15 14:51*	*1*
Dibromofluoromethane (Surr)	*117*		*80 - 120*		*09/04/15 14:51*	*1*
Toluene-d8 (Surr)	*121*	*X	*80 - 120*		*09/04/15 14:51*	*1*

Client Sample ID: TRIP BLANK 3

Lab Sample ID: 160-13617-19

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 15:15	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 15:15	1

Client Sample ID: TRIP BLANK 3

Lab Sample ID: 160-13617-19

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND	*	5.0	0.37	ug/L			09/04/15 15:15	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 15:15	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 15:15	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 15:15	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 15:15	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 15:15	1
Chlorobenzene	ND	*	5.0	0.38	ug/L			09/04/15 15:15	1
Chlorodibromomethane	ND	*	5.0	0.33	ug/L			09/04/15 15:15	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 15:15	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 15:15	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 15:15	1
1,2-Dibromo-3-Chloropropane	ND	*	10	1.2	ug/L			09/04/15 15:15	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 15:15	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 15:15	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 15:15	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 15:15	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 15:15	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 15:15	1
Ethylbenzene	ND	*	5.0	0.30	ug/L			09/04/15 15:15	1
Hexachlorobutadiene	ND	*	5.0	0.25	ug/L			09/04/15 15:15	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 15:15	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 15:15	1
4-Methyl-2-pentanone (MIBK)	ND	*	20	0.33	ug/L			09/04/15 15:15	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 15:15	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 15:15	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 15:15	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 15:15	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 15:15	1
1,1,1,2-Tetrachloroethane	ND	*	5.0	0.25	ug/L			09/04/15 15:15	1
1,1,2,2-Tetrachloroethane	ND	*	5.0	0.43	ug/L			09/04/15 15:15	1
1,1,2-Trichloroethane	ND	*	5.0	0.57	ug/L			09/04/15 15:15	1
Styrene	ND	*	5.0	0.35	ug/L			09/04/15 15:15	1
Tetrachloroethene	ND	*	5.0	0.28	ug/L			09/04/15 15:15	1
Toluene	ND	*	5.0	1.0	ug/L			09/04/15 15:15	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 15:15	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 127*		*09/04/15 15:15*	*1*
4-Bromofluorobenzene (Surr)	*121*	*	*75 - 123*		*09/04/15 15:15*	*1*
Dibromofluoromethane (Surr)	*152*	*X*	*80 - 120*		*09/04/15 15:15*	*1*
Toluene-d8 (Surr)	*118*	*	*80 - 120*		*09/04/15 15:15*	*1*

Client Sample ID: TRIP BLANK 4

Lab Sample ID: 160-13617-20

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/06/15 22:21	1

Client Sample Results

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Client Sample ID: TRIP BLANK 4

Date Collected: 08/31/15 00:00
Date Received: 09/02/15 09:30

Lab Sample ID: 160-13617-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0	0.25	ug/L			09/06/15 22:21	1
Bromoform	ND		5.0	0.37	ug/L			09/06/15 22:21	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/06/15 22:21	1
Bromomethane	ND		10	0.40	ug/L			09/06/15 22:21	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/06/15 22:21	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/06/15 22:21	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/06/15 22:21	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/06/15 22:21	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/06/15 22:21	1
Chloroethane	ND		10	0.38	ug/L			09/06/15 22:21	1
Chloroform	ND		5.0	0.15	ug/L			09/06/15 22:21	1
Chloromethane	ND		10	0.55	ug/L			09/06/15 22:21	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/06/15 22:21	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/06/15 22:21	1
1,2-Dichloroethane	ND	*	5.0	0.37	ug/L			09/06/15 22:21	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/06/15 22:21	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/06/15 22:21	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/06/15 22:21	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/06/15 22:21	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/06/15 22:21	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/06/15 22:21	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/06/15 22:21	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/06/15 22:21	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/06/15 22:21	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/06/15 22:21	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/06/15 22:21	1
Trichloroethene	ND		5.0	0.29	ug/L			09/06/15 22:21	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/06/15 22:21	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/06/15 22:21	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/06/15 22:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/06/15 22:21	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/06/15 22:21	1
Styrene	ND		5.0	0.35	ug/L			09/06/15 22:21	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/06/15 22:21	1
Toluene	ND		5.0	1.0	ug/L			09/06/15 22:21	1
Xylenes, Total	ND		10	0.85	ug/L			09/06/15 22:21	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/06/15 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*78 - 127*		*09/06/15 22:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 123*		*09/06/15 22:21*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*09/06/15 22:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/06/15 22:21*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 160-209289/1-A
Matrix: Solid
Analysis Batch: 209306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 209289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.5	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Benzene	ND		5.0	0.25	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Bromoform	ND		5.0	0.37	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Bromodichloromethane	ND		5.0	0.25	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Bromomethane	ND		10	1.1	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
2-Butanone (MEK)	ND		20	1.9	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Carbon disulfide	ND		5.0	0.69	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Carbon tetrachloride	ND		5.0	0.51	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Chlorobenzene	ND		5.0	0.38	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Chlorodibromomethane	ND		5.0	0.41	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Chloroethane	ND		10	0.52	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Chloroform	ND		5.0	0.38	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Chloromethane	ND		10	0.65	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,2-Dibromo-3-Chloropropane	ND		10	1.5	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1-Dichloroethane	ND		5.0	0.39	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,2-Dichloroethane	ND		5.0	0.87	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
cis-1,2-Dichloroethene	ND		5.0	0.60	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
trans-1,2-Dichloroethene	ND		5.0	0.94	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1-Dichloroethene	ND		5.0	1.6	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,2-Dichloropropane	ND		5.0	0.38	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Ethylbenzene	ND		5.0	0.30	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Isobutyl alcohol	ND		200	25	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Methylene Chloride	ND		5.0	1.6	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.73	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Methyl tert-butyl ether	ND		5.0	0.48	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Trichlorofluoromethane	ND		5.0	0.50	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Trichloroethene	ND		5.0	0.39	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1,1-Trichloroethane	ND		5.0	0.43	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Vinyl chloride	ND		5.0	0.43	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.35	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.40	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Styrene	ND		5.0	0.35	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Tetrachloroethene	ND		5.0	0.32	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Toluene	ND		5.0	0.70	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
Xylenes, Total	ND		10	0.85	ug/Kg		09/03/15 06:29	09/03/15 12:32	1
1,3-Dichloropropene, Total	ND		10	0.95	ug/Kg		09/03/15 06:29	09/03/15 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 127*	*09/03/15 06:29*	*09/03/15 12:32*	*1*
4-Bromofluorobenzene (Surr)	*104*		*63 - 150*	*09/03/15 06:29*	*09/03/15 12:32*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 126*	*09/03/15 06:29*	*09/03/15 12:32*	*1*
Toluene-d8 (Surr)	*115*		*80 - 120*	*09/03/15 06:29*	*09/03/15 12:32*	*1*

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

Lab Sample ID: LCS 160-209289/2-A
Matrix: Solid
Analysis Batch: 209306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 209289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	48.3		ug/Kg		97	59 - 129
Benzene	50.0	49.3		ug/Kg		99	80 - 120
Bromoform	50.0	46.2		ug/Kg		92	84 - 126
Bromodichloromethane	50.0	51.8		ug/Kg		104	80 - 120
Bromomethane	50.0	53.4		ug/Kg		107	74 - 128
2-Butanone (MEK)	50.0	50.3		ug/Kg		101	61 - 134
Carbon disulfide	50.0	44.6		ug/Kg		89	79 - 121
Carbon tetrachloride	50.0	48.4		ug/Kg		97	80 - 125
Chlorobenzene	50.0	50.7		ug/Kg		101	80 - 120
Chlorodibromomethane	50.0	49.6		ug/Kg		99	80 - 120
Chloroethane	50.0	58.1		ug/Kg		116	73 - 129
Chloroform	50.0	47.6		ug/Kg		95	80 - 120
Chloromethane	50.0	40.6		ug/Kg		81	70 - 129
1,2-Dibromo-3-Chloropropane	50.0	44.2		ug/Kg		88	75 - 129
1,1-Dichloroethane	50.0	50.0		ug/Kg		100	80 - 120
1,2-Dichloroethane	50.0	51.8		ug/Kg		104	76 - 125
cis-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	80 - 120
trans-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	80 - 120
1,1-Dichloroethene	50.0	46.8		ug/Kg		94	80 - 120
1,2-Dichloropropane	50.0	51.8		ug/Kg		104	80 - 120
Ethylbenzene	50.0	54.2		ug/Kg		108	80 - 120
Hexachlorobutadiene	50.0	45.6		ug/Kg		91	61 - 131
Isobutyl alcohol	1250	1140		ug/Kg		91	61 - 140
Methylene Chloride	50.0	47.0		ug/Kg		94	80 - 120
4-Methyl-2-pentanone (MIBK)	50.0	50.8		ug/Kg		102	75 - 127
Methyl tert-butyl ether	50.0	48.0		ug/Kg		96	83 - 124
Trichlorofluoromethane	50.0	50.0		ug/Kg		100	77 - 132
Trichloroethene	50.0	49.4		ug/Kg		99	80 - 120
1,1,1-Trichloroethane	50.0	48.6		ug/Kg		97	81 - 124
Vinyl chloride	50.0	39.4		ug/Kg		79	65 - 123
1,1,1,2-Tetrachloroethane	50.0	48.0		ug/Kg		96	80 - 120
1,1,2,2-Tetrachloroethane	50.0	49.3		ug/Kg		99	78 - 121
1,1,2-Trichloroethane	50.0	45.8		ug/Kg		92	80 - 120
Styrene	50.0	57.4		ug/Kg		115	80 - 120
Tetrachloroethene	50.0	50.5		ug/Kg		101	80 - 120
Toluene	50.0	57.2		ug/Kg		114	80 - 120
Xylenes, Total	100	109		ug/Kg		109	80 - 120
1,3-Dichloropropene, Total	100	103		ug/Kg		103	

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 127*
4-Bromofluorobenzene (Surr)	*95*		*63 - 150*
Dibromofluoromethane (Surr)	*99*		*70 - 126*
Toluene-d8 (Surr)	*111*		*80 - 120*

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

Lab Sample ID: LCSD 160-209289/3-A
Matrix: Solid
Analysis Batch: 209306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 209289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	50.0	47.2		ug/Kg		94	59 - 129	2	20
Benzene	50.0	50.1		ug/Kg		100	80 - 120	2	20
Bromoform	50.0	49.4		ug/Kg		99	84 - 126	7	20
Bromodichloromethane	50.0	49.3		ug/Kg		99	80 - 120	5	20
Bromomethane	50.0	51.4		ug/Kg		103	74 - 128	4	20
2-Butanone (MEK)	50.0	47.7		ug/Kg		95	61 - 134	5	20
Carbon disulfide	50.0	43.0		ug/Kg		86	79 - 121	4	20
Carbon tetrachloride	50.0	46.0		ug/Kg		92	80 - 125	5	20
Chlorobenzene	50.0	48.2		ug/Kg		96	80 - 120	5	20
Chlorodibromomethane	50.0	46.0		ug/Kg		92	80 - 120	8	20
Chloroethane	50.0	53.3		ug/Kg		107	73 - 129	9	20
Chloroform	50.0	43.4		ug/Kg		87	80 - 120	9	20
Chloromethane	50.0	40.6		ug/Kg		81	70 - 129	0	20
1,2-Dibromo-3-Chloropropane	50.0	43.7		ug/Kg		87	75 - 129	1	20
1,1-Dichloroethane	50.0	45.5		ug/Kg		91	80 - 120	10	20
1,2-Dichloroethane	50.0	50.0		ug/Kg		100	76 - 125	4	20
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	80 - 120	7	20
trans-1,2-Dichloroethene	50.0	45.7		ug/Kg		91	80 - 120	5	20
1,1-Dichloroethene	50.0	46.1		ug/Kg		92	80 - 120	2	20
1,2-Dichloropropane	50.0	48.8		ug/Kg		98	80 - 120	6	20
Ethylbenzene	50.0	53.3		ug/Kg		107	80 - 120	2	20
Hexachlorobutadiene	50.0	43.2		ug/Kg		86	61 - 131	5	20
Isobutyl alcohol	1250	1140		ug/Kg		91	61 - 140	0	20
Methylene Chloride	50.0	43.3		ug/Kg		87	80 - 120	8	20
4-Methyl-2-pentanone (MIBK)	50.0	45.8		ug/Kg		92	75 - 127	10	20
Methyl tert-butyl ether	50.0	45.2		ug/Kg		90	83 - 124	6	20
Trichlorofluoromethane	50.0	48.1		ug/Kg		96	77 - 132	4	20
Trichloroethene	50.0	50.3		ug/Kg		101	80 - 120	2	20
1,1,1-Trichloroethane	50.0	46.3		ug/Kg		93	81 - 124	5	20
Vinyl chloride	50.0	36.1		ug/Kg		72	65 - 123	9	20
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/Kg		97	80 - 120	1	20
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/Kg		96	78 - 121	3	20
1,1,2-Trichloroethane	50.0	43.0		ug/Kg		86	80 - 120	6	20
Styrene	50.0	54.8		ug/Kg		110	80 - 120	5	20
Tetrachloroethene	50.0	47.9		ug/Kg		96	80 - 120	5	20
Toluene	50.0	57.3		ug/Kg		115	80 - 120	0	20
Xylenes, Total	100	108		ug/Kg		108	80 - 120	1	20
1,3-Dichloropropene, Total	100	97.1		ug/Kg		97		6	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 127*
4-Bromofluorobenzene (Surr)	*106*		*63 - 150*
Dibromofluoromethane (Surr)	*98*		*70 - 126*
Toluene-d8 (Surr)	*114*		*80 - 120*

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

Lab Sample ID: 160-13617-1 MS
Matrix: Solid
Analysis Batch: 209306

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM
Prep Type: Total/NA
Prep Batch: 209289

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		80.1	74.5		ug/Kg	☼	93	35 - 150
Benzene	ND		80.1	87.6		ug/Kg	☼	109	80 - 120
Bromoform	ND	*	80.1	68.3		ug/Kg	☼	85	80 - 120
Bromodichloromethane	ND		80.1	68.3		ug/Kg	☼	85	77 - 131
Bromomethane	ND	F1	80.1	110	F1	ug/Kg	☼	138	61 - 134
2-Butanone (MEK)	ND		80.1	45.1		ug/Kg	☼	56	56 - 130
Carbon disulfide	ND		80.1	80.7		ug/Kg	☼	101	74 - 125
Carbon tetrachloride	ND		80.1	80.1		ug/Kg	☼	100	67 - 140
Chlorobenzene	ND		80.1	75.3		ug/Kg	☼	94	76 - 117
Chlorodibromomethane	ND	F1	80.1	57.1	F1	ug/Kg	☼	71	80 - 120
Chloroethane	ND	F1	80.1	111	F1	ug/Kg	☼	139	65 - 134
Chloroform	ND		80.1	69.6		ug/Kg	☼	87	79 - 124
Chloromethane	ND		80.1	90.9		ug/Kg	☼	114	56 - 139
1,2-Dibromo-3-Chloropropane	ND	* F1	80.1	59.6	F1	ug/Kg	☼	74	78 - 137
1,1-Dichloroethane	ND		80.1	83.2		ug/Kg	☼	104	80 - 120
1,2-Dichloroethane	ND		80.1	66.0		ug/Kg	☼	82	64 - 137
cis-1,2-Dichloroethene	ND		80.1	75.8		ug/Kg	☼	95	75 - 121
trans-1,2-Dichloroethene	ND		80.1	80.0		ug/Kg	☼	100	75 - 121
1,1-Dichloroethene	ND		80.1	81.1		ug/Kg	☼	101	55 - 150
1,2-Dichloropropane	ND		80.1	72.9		ug/Kg	☼	91	80 - 120
Ethylbenzene	ND		80.1	85.9		ug/Kg	☼	107	80 - 120
Hexachlorobutadiene	ND	*	80.1	51.9		ug/Kg	☼	65	10 - 146
Isobutyl alcohol	ND	F1	2000	802	F1	ug/Kg	☼	40	43 - 136
Methylene Chloride	ND		80.1	67.5		ug/Kg	☼	84	74 - 123
4-Methyl-2-pentanone (MIBK)	ND	F1	80.1	39.7	F1	ug/Kg	☼	50	68 - 130
Methyl tert-butyl ether	ND	F1	80.1	46.1	F1	ug/Kg	☼	58	67 - 138
Trichlorofluoromethane	ND		80.1	91.0		ug/Kg	☼	114	67 - 146
Trichloroethene	ND		80.1	81.6		ug/Kg	☼	102	75 - 123
1,1,1-Trichloroethane	ND		80.1	85.1		ug/Kg	☼	106	83 - 128
Vinyl chloride	ND		80.1	83.1		ug/Kg	☼	104	59 - 125
1,1,1,2-Tetrachloroethane	ND		80.1	67.4		ug/Kg	☼	84	80 - 120
1,1,2,2-Tetrachloroethane	ND	*	80.1	74.0		ug/Kg	☼	92	55 - 150
1,1,2-Trichloroethane	ND	F1	80.1	47.7	F1	ug/Kg	☼	60	80 - 120
Styrene	ND		80.1	78.7		ug/Kg	☼	98	80 - 122
Tetrachloroethene	ND		80.1	76.4		ug/Kg	☼	95	77 - 128
Toluene	ND		80.1	92.7		ug/Kg	☼	116	79 - 139
Xylenes, Total	ND		160	167		ug/Kg	☼	104	72 - 125
1,3-Dichloropropene, Total	ND		160	151		ug/Kg	☼	94	

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*72 - 127*
4-Bromofluorobenzene (Surr)	*112*		*63 - 150*
Dibromofluoromethane (Surr)	*87*		*70 - 126*
Toluene-d8 (Surr)	*106*		*80 - 120*

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

Lab Sample ID: MB 160-209406/7
Matrix: Water
Analysis Batch: 209406

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/04/15 09:30	1
Benzene	ND		5.0	0.25	ug/L			09/04/15 09:30	1
Bromoform	ND		5.0	0.37	ug/L			09/04/15 09:30	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/04/15 09:30	1
Bromomethane	ND		10	0.40	ug/L			09/04/15 09:30	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/04/15 09:30	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/04/15 09:30	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/04/15 09:30	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/04/15 09:30	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/04/15 09:30	1
Chloroethane	ND		10	0.38	ug/L			09/04/15 09:30	1
Chloroform	ND		5.0	0.15	ug/L			09/04/15 09:30	1
Chloromethane	ND		10	0.55	ug/L			09/04/15 09:30	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/04/15 09:30	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/04/15 09:30	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/04/15 09:30	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/04/15 09:30	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/04/15 09:30	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/04/15 09:30	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/04/15 09:30	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/04/15 09:30	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/04/15 09:30	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/04/15 09:30	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/04/15 09:30	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/04/15 09:30	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/04/15 09:30	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/04/15 09:30	1
Trichloroethene	ND		5.0	0.29	ug/L			09/04/15 09:30	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/04/15 09:30	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/04/15 09:30	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/04/15 09:30	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/04/15 09:30	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/04/15 09:30	1
Styrene	ND		5.0	0.35	ug/L			09/04/15 09:30	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/04/15 09:30	1
Toluene	ND		5.0	1.0	ug/L			09/04/15 09:30	1
Xylenes, Total	ND		10	0.85	ug/L			09/04/15 09:30	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/04/15 09:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 127*		*09/04/15 09:30*	*1*
4-Bromofluorobenzene (Surr)	*110*		*75 - 123*		*09/04/15 09:30*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*09/04/15 09:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*09/04/15 09:30*	*1*

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

Lab Sample ID: LCS 160-209406/4
Matrix: Water
Analysis Batch: 209406

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	44.0		ug/L		88	72 - 139
Benzene	50.0	47.7		ug/L		95	80 - 120
Bromoform	50.0	46.2		ug/L		92	80 - 120
Bromodichloromethane	50.0	48.3		ug/L		97	80 - 120
Bromomethane	50.0	52.6		ug/L		105	48 - 140
2-Butanone (MEK)	50.0	45.5		ug/L		91	68 - 128
Carbon disulfide	50.0	48.5		ug/L		97	79 - 120
Carbon tetrachloride	50.0	48.3		ug/L		97	74 - 128
Chlorobenzene	50.0	48.7		ug/L		97	80 - 120
Chlorodibromomethane	50.0	47.5		ug/L		95	80 - 120
Chloroethane	50.0	59.1		ug/L		118	55 - 140
Chloroform	50.0	43.4		ug/L		87	80 - 120
Chloromethane	50.0	45.8		ug/L		92	72 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.7		ug/L		87	69 - 135
1,1-Dichloroethane	50.0	46.6		ug/L		93	80 - 120
1,2-Dichloroethane	50.0	48.8		ug/L		98	80 - 120
cis-1,2-Dichloroethene	50.0	47.6		ug/L		95	80 - 120
trans-1,2-Dichloroethene	50.0	46.4		ug/L		93	80 - 120
1,1-Dichloroethene	50.0	47.9		ug/L		96	77 - 121
1,2-Dichloropropane	50.0	48.1		ug/L		96	80 - 120
Ethylbenzene	50.0	53.1		ug/L		106	80 - 120
Hexachlorobutadiene	50.0	44.4		ug/L		89	76 - 128
Isobutyl alcohol	1250	1060		ug/L		85	69 - 130
Methylene Chloride	50.0	44.0		ug/L		88	79 - 115
4-Methyl-2-pentanone (MIBK)	50.0	46.6		ug/L		93	74 - 129
Methyl tert-butyl ether	50.0	43.8		ug/L		88	77 - 124
Trichlorofluoromethane	50.0	50.3		ug/L		101	72 - 132
Trichloroethene	50.0	49.8		ug/L		100	80 - 120
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	75 - 127
Vinyl chloride	50.0	42.3		ug/L		85	68 - 120
1,1,1,2-Tetrachloroethane	50.0	46.4		ug/L		93	80 - 120
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	80 - 120
1,1,2-Trichloroethane	50.0	45.3		ug/L		91	80 - 120
Styrene	50.0	54.4		ug/L		109	80 - 120
Tetrachloroethene	50.0	50.9		ug/L		102	80 - 120
Toluene	50.0	57.9		ug/L		116	80 - 120
Xylenes, Total	100	107		ug/L		107	80 - 120
1,3-Dichloropropene, Total	100	100		ug/L		100	

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*78 - 127*
4-Bromofluorobenzene (Surr)	*100*		*75 - 123*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: LCSD 160-209406/5
Matrix: Water
Analysis Batch: 209406

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	50.0	44.4		ug/L		89	72 - 139	1	20
Benzene	50.0	50.6		ug/L		101	80 - 120	6	20
Bromoform	50.0	49.6		ug/L		99	80 - 120	7	20
Bromodichloromethane	50.0	48.1		ug/L		96	80 - 120	0	20
Bromomethane	50.0	51.9		ug/L		104	48 - 140	1	20
2-Butanone (MEK)	50.0	48.6		ug/L		97	68 - 128	7	20
Carbon disulfide	50.0	49.5		ug/L		99	79 - 120	2	20
Carbon tetrachloride	50.0	47.9		ug/L		96	74 - 128	1	20
Chlorobenzene	50.0	49.1		ug/L		98	80 - 120	1	20
Chlorodibromomethane	50.0	48.6		ug/L		97	80 - 120	2	20
Chloroethane	50.0	60.0		ug/L		120	55 - 140	1	20
Chloroform	50.0	44.0		ug/L		88	80 - 120	1	20
Chloromethane	50.0	48.9		ug/L		98	72 - 123	7	20
1,2-Dibromo-3-Chloropropane	50.0	44.1		ug/L		88	69 - 135	1	20
1,1-Dichloroethane	50.0	47.8		ug/L		96	80 - 120	2	20
1,2-Dichloroethane	50.0	48.7		ug/L		97	80 - 120	0	20
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	80 - 120	8	20
trans-1,2-Dichloroethene	50.0	47.5		ug/L		95	80 - 120	2	20
1,1-Dichloroethene	50.0	49.2		ug/L		98	77 - 121	3	20
1,2-Dichloropropane	50.0	45.7		ug/L		91	80 - 120	5	20
Ethylbenzene	50.0	55.2		ug/L		110	80 - 120	4	20
Hexachlorobutadiene	50.0	44.1		ug/L		88	76 - 128	1	20
Isobutyl alcohol	1250	1060		ug/L		85	69 - 130	1	20
Methylene Chloride	50.0	45.0		ug/L		90	79 - 115	2	20
4-Methyl-2-pentanone (MIBK)	50.0	49.6		ug/L		99	74 - 129	6	20
Methyl tert-butyl ether	50.0	46.8		ug/L		94	77 - 124	7	20
Trichlorofluoromethane	50.0	46.4		ug/L		93	72 - 132	8	20
Trichloroethene	50.0	50.6		ug/L		101	80 - 120	2	20
1,1,1-Trichloroethane	50.0	49.5		ug/L		99	75 - 127	3	20
Vinyl chloride	50.0	41.5		ug/L		83	68 - 120	2	20
1,1,1,2-Tetrachloroethane	50.0	46.8		ug/L		94	80 - 120	1	20
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	80 - 120	2	20
1,1,2-Trichloroethane	50.0	42.4		ug/L		85	80 - 120	7	20
Styrene	50.0	55.8		ug/L		112	80 - 120	3	20
Tetrachloroethene	50.0	49.3		ug/L		99	80 - 120	3	20
Toluene	50.0	57.8		ug/L		116	80 - 120	0	20
Xylenes, Total	100	110		ug/L		110	80 - 120	3	20
1,3-Dichloropropene, Total	100	98.6		ug/L		99		2	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*78 - 127*
4-Bromofluorobenzene (Surr)	*103*		*75 - 123*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

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

Lab Sample ID: 160-13617-10 MS
Matrix: Water
Analysis Batch: 209406

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		50.0	39.0		ug/L		78	54 - 140
Benzene	ND		50.0	50.0		ug/L		100	72 - 123
Bromoform	ND	* F2	50.0	46.7		ug/L		93	78 - 122
Bromodichloromethane	ND	F2	50.0	53.5		ug/L		107	80 - 120
Bromomethane	ND	F2	50.0	56.3		ug/L		113	51 - 146
2-Butanone (MEK)	ND		50.0	50.4		ug/L		101	62 - 135
Carbon disulfide	ND	F1	50.0	43.8		ug/L		88	80 - 120
Carbon tetrachloride	ND	F2 F1	50.0	56.1		ug/L		112	80 - 124
Chlorobenzene	ND	*	50.0	49.3		ug/L		99	80 - 120
Chlorodibromomethane	ND	*	50.0	49.5		ug/L		99	80 - 120
Chloroethane	ND	F2	50.0	64.5		ug/L		129	53 - 148
Chloroform	ND	F2 F1	50.0	51.5		ug/L		103	80 - 120
Chloromethane	ND	F1	50.0	38.9	F1	ug/L		78	80 - 120
1,2-Dibromo-3-Chloropropane	ND	* F2	50.0	41.7		ug/L		83	59 - 144
1,1-Dichloroethane	ND	F1	50.0	46.8		ug/L		94	80 - 120
1,2-Dichloroethane	ND		50.0	52.9		ug/L		106	80 - 120
cis-1,2-Dichloroethene	ND	F1 F2	50.0	60.4	F1	ug/L		121	80 - 120
trans-1,2-Dichloroethene	ND		50.0	42.7		ug/L		85	80 - 120
1,1-Dichloroethene	ND	F1	50.0	43.7		ug/L		87	80 - 120
1,2-Dichloropropane	ND		50.0	52.6		ug/L		105	80 - 120
Ethylbenzene	ND	*	50.0	50.6		ug/L		101	80 - 120
Hexachlorobutadiene	ND	*	50.0	40.5		ug/L		81	67 - 128
Isobutyl alcohol	ND		1250	1190		ug/L		95	67 - 134
Methylene Chloride	ND	F1	50.0	42.9		ug/L		86	80 - 120
4-Methyl-2-pentanone (MIBK)	ND	*	50.0	51.5		ug/L		103	74 - 132
Methyl tert-butyl ether	ND		50.0	44.7		ug/L		89	78 - 124
Trichlorofluoromethane	ND	F2	50.0	52.7		ug/L		105	79 - 128
Trichloroethene	ND		50.0	49.5		ug/L		99	80 - 120
1,1,1-Trichloroethane	ND		50.0	49.5		ug/L		99	81 - 123
Vinyl chloride	ND	F1	50.0	38.8		ug/L		78	75 - 118
1,1,1,2-Tetrachloroethane	ND	*	50.0	43.5		ug/L		87	80 - 120
1,1,2,2-Tetrachloroethane	ND	* F2	50.0	48.2		ug/L		96	72 - 125
1,1,2-Trichloroethane	ND	*	50.0	48.4		ug/L		97	76 - 119
Styrene	ND	* F2 F1	50.0	52.6		ug/L		105	80 - 120
Tetrachloroethene	ND	*	50.0	44.9		ug/L		90	80 - 120
Toluene	ND	*	50.0	52.9		ug/L		106	80 - 120
Xylenes, Total	ND	* F1	100	100		ug/L		100	80 - 120
1,3-Dichloropropene, Total	ND		100	113		ug/L		113	

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*78 - 127*
4-Bromofluorobenzene (Surr)	*89*		*75 - 123*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: 160-13617-10 MSD
Matrix: Water
Analysis Batch: 209406

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		50.0	32.2		ug/L		64	54 - 140	19	20
Benzene	ND		50.0	49.3		ug/L		99	72 - 123	1	20
Bromoform	ND	* F2	50.0	60.6	F2	ug/L		121	78 - 122	26	20
Bromodichloromethane	ND	F2	50.0	41.9	F2	ug/L		84	80 - 120	24	20
Bromomethane	ND	F2	50.0	45.7	F2	ug/L		91	51 - 146	21	20
2-Butanone (MEK)	ND		50.0	41.6		ug/L		83	62 - 135	19	20
Carbon disulfide	ND	F1	50.0	38.8	F1	ug/L		78	80 - 120	12	20
Carbon tetrachloride	ND	F2 F1	50.0	39.6	F1 F2	ug/L		79	80 - 124	34	20
Chlorobenzene	ND	*	50.0	51.6		ug/L		103	80 - 120	5	20
Chlorodibromomethane	ND	*	50.0	52.7		ug/L		105	80 - 120	6	20
Chloroethane	ND	F2	50.0	51.9	F2	ug/L		104	53 - 148	22	20
Chloroform	ND	F2 F1	50.0	37.0	F1 F2	ug/L		74	80 - 120	33	20
Chloromethane	ND	F1	50.0	37.2	F1	ug/L		74	80 - 120	4	20
1,2-Dibromo-3-Chloropropane	ND	* F2	50.0	52.9	F2	ug/L		106	59 - 144	24	20
1,1-Dichloroethane	ND	F1	50.0	39.5	F1	ug/L		79	80 - 120	17	20
1,2-Dichloroethane	ND		50.0	48.1		ug/L		96	80 - 120	9	20
cis-1,2-Dichloroethene	ND	F1 F2	50.0	40.1	F2	ug/L		80	80 - 120	40	20
trans-1,2-Dichloroethene	ND		50.0	40.0		ug/L		80	80 - 120	7	20
1,1-Dichloroethene	ND	F1	50.0	38.6	F1	ug/L		77	80 - 120	12	20
1,2-Dichloropropane	ND		50.0	43.9		ug/L		88	80 - 120	18	20
Ethylbenzene	ND	*	50.0	55.1		ug/L		110	80 - 120	8	20
Hexachlorobutadiene	ND	*	50.0	43.0		ug/L		86	67 - 128	6	20
Isobutyl alcohol	ND		1250	1190		ug/L		96	67 - 134	0	20
Methylene Chloride	ND	F1	50.0	37.6	F1	ug/L		75	80 - 120	13	20
4-Methyl-2-pentanone (MIBK)	ND	*	50.0	53.3		ug/L		107	74 - 132	3	20
Methyl tert-butyl ether	ND		50.0	41.0		ug/L		82	78 - 124	8	20
Trichlorofluoromethane	ND	F2	50.0	40.8	F2	ug/L		82	79 - 128	25	20
Trichloroethene	ND		50.0	47.7		ug/L		95	80 - 120	4	20
1,1,1-Trichloroethane	ND		50.0	41.1		ug/L		82	81 - 123	19	20
Vinyl chloride	ND	F1	50.0	34.2	F1	ug/L		68	75 - 118	13	20
1,1,1,2-Tetrachloroethane	ND	*	50.0	50.8		ug/L		102	80 - 120	16	20
1,1,2,2-Tetrachloroethane	ND	* F2	50.0	59.4	F2	ug/L		119	72 - 125	21	20
1,1,2-Trichloroethane	ND	*	50.0	48.9		ug/L		98	76 - 119	1	20
Styrene	ND	* F2 F1	50.0	68.5	F1 F2	ug/L		137	80 - 120	26	20
Tetrachloroethene	ND	*	50.0	52.5		ug/L		105	80 - 120	16	20
Toluene	ND	*	50.0	57.7		ug/L		115	80 - 120	9	20
Xylenes, Total	ND	* F1	100	121	F1	ug/L		121	80 - 120	18	20
1,3-Dichloropropene, Total	ND		100	97.0		ug/L		97		15	

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 127*
4-Bromofluorobenzene (Surr)	*119*		*75 - 123*
Dibromofluoromethane (Surr)	*79*	*X*	*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

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

Lab Sample ID: MB 160-209718/16
Matrix: Water
Analysis Batch: 209718

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.7	ug/L			09/06/15 21:55	1
Benzene	ND		5.0	0.25	ug/L			09/06/15 21:55	1
Bromoform	ND		5.0	0.37	ug/L			09/06/15 21:55	1
Bromodichloromethane	ND		5.0	0.25	ug/L			09/06/15 21:55	1
Bromomethane	ND		10	0.40	ug/L			09/06/15 21:55	1
2-Butanone (MEK)	ND		20	0.39	ug/L			09/06/15 21:55	1
Carbon disulfide	ND		5.0	0.37	ug/L			09/06/15 21:55	1
Carbon tetrachloride	ND		5.0	0.36	ug/L			09/06/15 21:55	1
Chlorobenzene	ND		5.0	0.38	ug/L			09/06/15 21:55	1
Chlorodibromomethane	ND		5.0	0.33	ug/L			09/06/15 21:55	1
Chloroethane	ND		10	0.38	ug/L			09/06/15 21:55	1
Chloroform	ND		5.0	0.15	ug/L			09/06/15 21:55	1
Chloromethane	ND		10	0.55	ug/L			09/06/15 21:55	1
1,2-Dibromo-3-Chloropropane	ND		10	1.2	ug/L			09/06/15 21:55	1
1,1-Dichloroethane	ND		5.0	0.39	ug/L			09/06/15 21:55	1
1,2-Dichloroethane	ND		5.0	0.37	ug/L			09/06/15 21:55	1
cis-1,2-Dichloroethene	ND		5.0	0.16	ug/L			09/06/15 21:55	1
trans-1,2-Dichloroethene	ND		5.0	0.18	ug/L			09/06/15 21:55	1
1,1-Dichloroethene	ND		5.0	0.37	ug/L			09/06/15 21:55	1
1,2-Dichloropropane	ND		5.0	0.32	ug/L			09/06/15 21:55	1
Ethylbenzene	ND		5.0	0.30	ug/L			09/06/15 21:55	1
Hexachlorobutadiene	ND		5.0	0.25	ug/L			09/06/15 21:55	1
Isobutyl alcohol	ND		200	7.3	ug/L			09/06/15 21:55	1
Methylene Chloride	ND		5.0	1.7	ug/L			09/06/15 21:55	1
4-Methyl-2-pentanone (MIBK)	ND		20	0.33	ug/L			09/06/15 21:55	1
Methyl tert-butyl ether	ND		5.0	0.40	ug/L			09/06/15 21:55	1
Trichlorofluoromethane	ND		5.0	0.22	ug/L			09/06/15 21:55	1
Trichloroethene	ND		5.0	0.29	ug/L			09/06/15 21:55	1
1,1,1-Trichloroethane	ND		5.0	0.29	ug/L			09/06/15 21:55	1
Vinyl chloride	ND		5.0	0.43	ug/L			09/06/15 21:55	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.25	ug/L			09/06/15 21:55	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.43	ug/L			09/06/15 21:55	1
1,1,2-Trichloroethane	ND		5.0	0.57	ug/L			09/06/15 21:55	1
Styrene	ND		5.0	0.35	ug/L			09/06/15 21:55	1
Tetrachloroethene	ND		5.0	0.28	ug/L			09/06/15 21:55	1
Toluene	ND		5.0	1.0	ug/L			09/06/15 21:55	1
Xylenes, Total	ND		10	0.85	ug/L			09/06/15 21:55	1
1,3-Dichloropropene, Total	ND		10	0.69	ug/L			09/06/15 21:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 127*		*09/06/15 21:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 123*		*09/06/15 21:55*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*09/06/15 21:55*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/06/15 21:55*	*1*

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

Lab Sample ID: LCS 160-209718/13
Matrix: Water
Analysis Batch: 209718

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	47.0		ug/L		94	72 - 139
Benzene	50.0	48.8		ug/L		98	80 - 120
Bromoform	50.0	46.8		ug/L		94	80 - 120
Bromodichloromethane	50.0	45.5		ug/L		91	80 - 120
Bromomethane	50.0	39.0		ug/L		78	48 - 140
2-Butanone (MEK)	50.0	44.5		ug/L		89	68 - 128
Carbon disulfide	50.0	50.1		ug/L		100	79 - 120
Carbon tetrachloride	50.0	42.2		ug/L		84	74 - 128
Chlorobenzene	50.0	48.3		ug/L		97	80 - 120
Chlorodibromomethane	50.0	46.7		ug/L		93	80 - 120
Chloroethane	50.0	42.0		ug/L		84	55 - 140
Chloroform	50.0	45.1		ug/L		90	80 - 120
Chloromethane	50.0	45.3		ug/L		91	72 - 123
1,2-Dibromo-3-Chloropropane	50.0	46.6		ug/L		93	69 - 135
1,1-Dichloroethane	50.0	48.2		ug/L		96	80 - 120
1,2-Dichloroethane	50.0	41.9		ug/L		84	80 - 120
cis-1,2-Dichloroethene	50.0	47.7		ug/L		95	80 - 120
trans-1,2-Dichloroethene	50.0	48.6		ug/L		97	80 - 120
1,1-Dichloroethene	50.0	50.0		ug/L		100	77 - 121
1,2-Dichloropropane	50.0	49.9		ug/L		100	80 - 120
Ethylbenzene	50.0	44.8		ug/L		90	80 - 120
Hexachlorobutadiene	50.0	43.3		ug/L		87	76 - 128
Isobutyl alcohol	1250	1140		ug/L		92	69 - 130
Methylene Chloride	50.0	50.9		ug/L		102	79 - 115
4-Methyl-2-pentanone (MIBK)	50.0	46.0		ug/L		92	74 - 129
Methyl tert-butyl ether	50.0	47.1		ug/L		94	77 - 124
Trichlorofluoromethane	50.0	47.2		ug/L		94	72 - 132
Trichloroethene	50.0	43.3		ug/L		87	80 - 120
1,1,1-Trichloroethane	50.0	42.2		ug/L		84	75 - 127
Vinyl chloride	50.0	41.7		ug/L		83	68 - 120
1,1,1,2-Tetrachloroethane	50.0	47.2		ug/L		94	80 - 120
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/L		96	80 - 120
1,1,2-Trichloroethane	50.0	49.1		ug/L		98	80 - 120
Styrene	50.0	51.1		ug/L		102	80 - 120
Tetrachloroethene	50.0	46.1		ug/L		92	80 - 120
Toluene	50.0	49.8		ug/L		100	80 - 120
Xylenes, Total	100	97.7		ug/L		98	80 - 120
1,3-Dichloropropene, Total	100	97.4		ug/L		97	

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 127*
4-Bromofluorobenzene (Surr)	*98*		*75 - 123*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: LCSD 160-209718/14
Matrix: Water
Analysis Batch: 209718

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	50.0	47.1		ug/L		94	72 - 139	0	20
Benzene	50.0	48.4		ug/L		97	80 - 120	1	20
Bromoform	50.0	47.5		ug/L		95	80 - 120	2	20
Bromodichloromethane	50.0	45.2		ug/L		90	80 - 120	1	20
Bromomethane	50.0	40.8		ug/L		82	48 - 140	5	20
2-Butanone (MEK)	50.0	42.1		ug/L		84	68 - 128	5	20
Carbon disulfide	50.0	50.4		ug/L		101	79 - 120	1	20
Carbon tetrachloride	50.0	41.0		ug/L		82	74 - 128	3	20
Chlorobenzene	50.0	48.5		ug/L		97	80 - 120	0	20
Chlorodibromomethane	50.0	47.1		ug/L		94	80 - 120	1	20
Chloroethane	50.0	40.4		ug/L		81	55 - 140	4	20
Chloroform	50.0	44.9		ug/L		90	80 - 120	1	20
Chloromethane	50.0	44.4		ug/L		89	72 - 123	2	20
1,2-Dibromo-3-Chloropropane	50.0	45.7		ug/L		91	69 - 135	2	20
1,1-Dichloroethane	50.0	46.9		ug/L		94	80 - 120	3	20
1,2-Dichloroethane	50.0	39.5	*	ug/L		79	80 - 120	6	20
cis-1,2-Dichloroethene	50.0	48.4		ug/L		97	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	49.0		ug/L		98	80 - 120	1	20
1,1-Dichloroethene	50.0	50.4		ug/L		101	77 - 121	1	20
1,2-Dichloropropane	50.0	48.3		ug/L		97	80 - 120	3	20
Ethylbenzene	50.0	44.4		ug/L		89	80 - 120	1	20
Hexachlorobutadiene	50.0	44.1		ug/L		88	76 - 128	2	20
Isobutyl alcohol	1250	1070		ug/L		86	69 - 130	7	20
Methylene Chloride	50.0	51.0		ug/L		102	79 - 115	0	20
4-Methyl-2-pentanone (MIBK)	50.0	47.1		ug/L		94	74 - 129	2	20
Methyl tert-butyl ether	50.0	47.1		ug/L		94	77 - 124	0	20
Trichlorofluoromethane	50.0	46.0		ug/L		92	72 - 132	2	20
Trichloroethene	50.0	41.8		ug/L		84	80 - 120	4	20
1,1,1-Trichloroethane	50.0	41.2		ug/L		82	75 - 127	2	20
Vinyl chloride	50.0	42.3		ug/L		85	68 - 120	1	20
1,1,1,2-Tetrachloroethane	50.0	47.9		ug/L		96	80 - 120	1	20
1,1,2,2-Tetrachloroethane	50.0	49.2		ug/L		98	80 - 120	3	20
1,1,2-Trichloroethane	50.0	49.6		ug/L		99	80 - 120	1	20
Styrene	50.0	51.0		ug/L		102	80 - 120	0	20
Tetrachloroethene	50.0	47.0		ug/L		94	80 - 120	2	20
Toluene	50.0	50.5		ug/L		101	80 - 120	1	20
Xylenes, Total	100	98.8		ug/L		99	80 - 120	1	20
1,3-Dichloropropene, Total	100	96.2		ug/L		96		1	

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*78 - 127*
4-Bromofluorobenzene (Surr)	*103*		*75 - 123*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: MB 160-209159/1-A
Matrix: Water
Analysis Batch: 211234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 209159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2-Chloronaphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2-Chlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,3-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,4-Dichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
3,3'-Dichlorobenzidine	ND		50	1.3	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4-Dichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4-Dimethylphenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Acenaphthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Acenaphthylene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Aniline	ND		10	1.3	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,3-Dinitrobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Benzo[a]anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4-Dinitrophenol	ND		50	2.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Benzo[a]pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4-Dinitrotoluene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Benzo[b]fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,6-Dinitrotoluene	ND		10	2.2	ug/L		09/02/15 15:32	09/16/15 10:58	1
Benzo[k]fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
bis (2-chloroisopropyl) ether	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Bis(2-chloroethyl)ether	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Bis(2-ethylhexyl) phthalate	ND		10	1.9	ug/L		09/02/15 15:32	09/16/15 10:58	1
Butyl benzyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Chrysene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Dibenz(a,h)anthracene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Dibenzofuran	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2-Methylnaphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Diethyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Dimethyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Di-n-butyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Di-n-octyl phthalate	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2-Nitroaniline	ND		10	1.1	ug/L		09/02/15 15:32	09/16/15 10:58	1
Diphenylamine	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
3-Nitroaniline	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Fluoranthene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
4-Nitroaniline	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Fluorene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Hexachlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Hexachlorobutadiene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
4-Nitrophenol	ND		10	2.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Hexachlorocyclopentadiene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Hexachloroethane	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Indeno[1,2,3-cd]pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Isophorone	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Naphthalene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Nitrobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1

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

Lab Sample ID: MB 160-209159/1-A
Matrix: Water
Analysis Batch: 211234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 209159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		10	1.5	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,2,4,5-Tetrachlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
N-Nitrosodiphenylamine	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,3,4,6-Tetrachlorophenol	ND		50	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Pentachlorophenol	ND		20	1.3	ug/L		09/02/15 15:32	09/16/15 10:58	1
1,2,4-Trichlorobenzene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Phenanthrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4,5-Trichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Phenol	ND		10	2.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
2,4,6-Trichlorophenol	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1
Pyrene	ND		10	1.0	ug/L		09/02/15 15:32	09/16/15 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 108*	*09/02/15 15:32*	*09/16/15 10:58*	*1*
2-Fluorophenol (Surr)	*54*		*15 - 59*	*09/02/15 15:32*	*09/16/15 10:58*	*1*
Nitrobenzene-d5 (Surr)	*82*		*50 - 101*	*09/02/15 15:32*	*09/16/15 10:58*	*1*
Phenol-d5 (Surr)	*39*		*10 - 50*	*09/02/15 15:32*	*09/16/15 10:58*	*1*
Terphenyl-d14 (Surr)	*69*		*21 - 97*	*09/02/15 15:32*	*09/16/15 10:58*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*37 - 120*	*09/02/15 15:32*	*09/16/15 10:58*	*1*

Lab Sample ID: LCS 160-209159/2-A
Matrix: Water
Analysis Batch: 211234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	200	152		ug/L		76	58 - 109
2-Chlorophenol	200	157		ug/L		78	47 - 97
1,2-Dichlorobenzene	200	142		ug/L		71	50 - 99
1,3-Dichlorobenzene	200	139		ug/L		69	55 - 99
1,4-Dichlorobenzene	200	139		ug/L		69	47 - 99
3,3'-Dichlorobenzidine	200	179		ug/L		90	50 - 105
2,4-Dichlorophenol	200	165		ug/L		82	55 - 104
2,4-Dimethylphenol	200	155		ug/L		78	53 - 99
Acenaphthene	200	153		ug/L		76	58 - 108
Acenaphthylene	200	155		ug/L		78	59 - 110
Anthracene	200	160		ug/L		80	59 - 106
Benzo[a]anthracene	200	164		ug/L		82	56 - 105
2,4-Dinitrophenol	400	315		ug/L		79	53 - 119
Benzo[a]pyrene	200	163		ug/L		81	54 - 109
2,4-Dinitrotoluene	200	180		ug/L		90	57 - 117
Benzo[b]fluoranthene	200	167		ug/L		84	58 - 109
2,6-Dinitrotoluene	200	174		ug/L		87	59 - 117
Benzo[k]fluoranthene	200	152		ug/L		76	54 - 109
bis (2-chloroisopropyl) ether	200	152		ug/L		76	49 - 97
Bis(2-chloroethyl)ether	200	158		ug/L		79	58 - 109
Bis(2-ethylhexyl) phthalate	200	164		ug/L		82	58 - 111
Butyl benzyl phthalate	200	168		ug/L		84	56 - 111
Chrysene	200	155		ug/L		77	55 - 107

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

Lab Sample ID: LCS 160-209159/2-A
Matrix: Water
Analysis Batch: 211234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	200	178		ug/L		89	52 - 118
Dibenzofuran	200	154		ug/L		77	57 - 106
2-Methylnaphthalene	200	151		ug/L		75	54 - 101
Diethyl phthalate	200	161		ug/L		81	58 - 113
Dimethyl phthalate	200	159		ug/L		79	60 - 114
Di-n-butyl phthalate	200	168		ug/L		84	60 - 105
Di-n-octyl phthalate	200	170		ug/L		85	59 - 113
2-Nitroaniline	200	175		ug/L		87	57 - 120
Diphenylamine	342	266		ug/L		78	58 - 102
3-Nitroaniline	200	168		ug/L		84	47 - 113
Fluoranthene	200	171		ug/L		86	56 - 113
4-Nitroaniline	200	178		ug/L		89	51 - 119
Fluorene	200	155		ug/L		77	61 - 113
Hexachlorobenzene	200	164		ug/L		82	57 - 113
Hexachlorobutadiene	200	141		ug/L		70	52 - 102
4-Nitrophenol	400	178		ug/L		44	20 - 47
Hexachlorocyclopentadiene	200	148		ug/L		74	40 - 120
Hexachloroethane	200	136		ug/L		68	52 - 102
Indeno[1,2,3-cd]pyrene	200	184		ug/L		92	49 - 120
Isophorone	200	157		ug/L		79	56 - 101
Naphthalene	200	144		ug/L		72	54 - 98
Nitrobenzene	200	167		ug/L		83	59 - 110
N-Nitrosodi-n-propylamine	200	161		ug/L		80	59 - 115
N-Nitrosodiphenylamine	400	311		ug/L		78	65 - 119
Pentachlorophenol	400	342		ug/L		85	49 - 115
1,2,4-Trichlorobenzene	200	146		ug/L		73	56 - 100
Phenanthrene	200	157		ug/L		78	59 - 110
2,4,5-Trichlorophenol	200	173		ug/L		86	56 - 113
Phenol	200	92.2		ug/L		46	20 - 69
2,4,6-Trichlorophenol	200	168		ug/L		84	47 - 116
Pyrene	200	158		ug/L		79	55 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*82*		*43 - 108*
2-Fluorophenol (Surr)	*55*		*15 - 59*
Nitrobenzene-d5 (Surr)	*86*		*50 - 101*
Phenol-d5 (Surr)	*44*		*10 - 50*
Terphenyl-d14 (Surr)	*76*		*21 - 97*
2,4,6-Tribromophenol (Surr)	*93*		*37 - 120*

Lab Sample ID: 160-13617-10 MS
Matrix: Water
Analysis Batch: 211234

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		192	148		ug/L		77	63 - 103
Acenaphthylene	ND		192	147		ug/L		77	64 - 105
Anthracene	ND		192	156		ug/L		81	64 - 101

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

Lab Sample ID: 160-13617-10 MS
Matrix: Water
Analysis Batch: 211234

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]anthracene	ND		192	157		ug/L		82	55 - 116
Benzo[a]pyrene	ND		192	157		ug/L		82	55 - 109
Benzo[b]fluoranthene	ND		192	157		ug/L		82	56 - 119
Benzo[k]fluoranthene	ND		192	152		ug/L		79	54 - 110
Bis(2-chloroethyl)ether	ND		192	143		ug/L		75	63 - 104
bis (2-chloroisopropyl) ether	ND		192	142		ug/L		74	54 - 102
Bis(2-ethylhexyl) phthalate	ND		192	156		ug/L		81	53 - 125
Butyl benzyl phthalate	ND		192	160		ug/L		83	56 - 128
2-Chloronaphthalene	ND		192	148		ug/L		77	63 - 104
2-Chlorophenol	ND		192	134		ug/L		70	52 - 92
Chrysene	ND		192	150		ug/L		78	56 - 115
Dibenz(a,h)anthracene	ND		192	170		ug/L		89	44 - 128
Dibenzofuran	ND		192	148		ug/L		77	62 - 101
1,2-Dichlorobenzene	ND		192	136		ug/L		71	62 - 97
1,3-Dichlorobenzene	ND		192	133		ug/L		69	60 - 94
1,4-Dichlorobenzene	ND		192	133		ug/L		69	60 - 94
3,3'-Dichlorobenzidine	ND		192	165		ug/L		86	43 - 117
2,4-Dichlorophenol	ND		192	154		ug/L		80	60 - 99
Diethyl phthalate	ND		192	155		ug/L		81	63 - 108
2,4-Dimethylphenol	ND		192	137		ug/L		71	54 - 97
Dimethyl phthalate	ND		192	153		ug/L		80	65 - 109
Di-n-butyl phthalate	ND		192	160		ug/L		83	62 - 109
2,4-Dinitrophenol	ND		384	325		ug/L		85	20 - 131
2,4-Dinitrotoluene	ND		192	171		ug/L		89	62 - 112
2,6-Dinitrotoluene	ND		192	167		ug/L		87	64 - 112
Di-n-octyl phthalate	ND		192	162		ug/L		84	54 - 128
Diphenylamine	ND		328	249		ug/L		76	63 - 97
Fluoranthene	ND		192	165		ug/L		86	61 - 108
Fluorene	ND		192	148		ug/L		77	66 - 108
Hexachlorobenzene	ND		192	158		ug/L		82	62 - 108
Hexachlorobutadiene	ND		192	135		ug/L		71	57 - 97
Hexachlorocyclopentadiene	ND		192	144		ug/L		75	16 - 115
Hexachloroethane	ND		192	127		ug/L		66	57 - 97
Indeno[1,2,3-cd]pyrene	ND		192	179		ug/L		93	42 - 131
Isophorone	ND		192	147		ug/L		77	48 - 106
2-Methylnaphthalene	ND		192	146		ug/L		76	64 - 99
Naphthalene	ND		192	142		ug/L		74	63 - 98
2-Nitroaniline	ND		192	161		ug/L		84	62 - 115
3-Nitroaniline	ND		192	154		ug/L		80	52 - 108
4-Nitroaniline	ND		192	167		ug/L		87	56 - 114
Nitrobenzene	ND		192	158		ug/L		82	64 - 105
4-Nitrophenol	ND		384	96.5		ug/L		25	15 - 42
N-Nitrosodi-n-propylamine	ND		192	145		ug/L		76	64 - 110
N-Nitrosodiphenylamine	ND		384	291		ug/L		76	70 - 119
Pentachlorophenol	ND		384	317		ug/L		83	54 - 110
Phenanthrene	ND		192	151		ug/L		79	64 - 105
Phenol	ND		192	55.1		ug/L		29	15 - 70
Pyrene	ND		192	151		ug/L		79	57 - 118

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

Lab Sample ID: 160-13617-10 MS
Matrix: Water
Analysis Batch: 211234

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		192	143		ug/L		75	61 - 95
2,4,5-Trichlorophenol	ND		192	161		ug/L		84	61 - 108
2,4,6-Trichlorophenol	ND		192	161		ug/L		84	61 - 108

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*82*		*43 - 108*
2-Fluorophenol (Surr)	*39*		*15 - 59*
Nitrobenzene-d5 (Surr)	*83*		*50 - 101*
Phenol-d5 (Surr)	*26*		*10 - 50*
Terphenyl-d14 (Surr)	*53*		*21 - 97*
2,4,6-Tribromophenol (Surr)	*91*		*37 - 120*

Lab Sample ID: 160-13617-10 MSD
Matrix: Water
Analysis Batch: 211234

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		192	147		ug/L		77	63 - 103	0	20
Acenaphthylene	ND		192	149		ug/L		78	64 - 105	1	20
Anthracene	ND		192	155		ug/L		81	64 - 101	0	20
Benzo[a]anthracene	ND		192	159		ug/L		83	55 - 116	1	20
Benzo[a]pyrene	ND		192	159		ug/L		83	55 - 109	1	20
Benzo[b]fluoranthene	ND		192	161		ug/L		84	56 - 119	2	20
Benzo[k]fluoranthene	ND		192	149		ug/L		78	54 - 110	2	20
Bis(2-chloroethyl)ether	ND		192	151		ug/L		79	63 - 104	6	20
bis (2-chloroisopropyl) ether	ND		192	153		ug/L		80	54 - 102	7	20
Bis(2-ethylhexyl) phthalate	ND		192	155		ug/L		81	53 - 125	0	20
Butyl benzyl phthalate	ND		192	160		ug/L		83	56 - 128	0	20
2-Chloronaphthalene	ND		192	147		ug/L		77	63 - 104	0	20
2-Chlorophenol	ND		192	138		ug/L		72	52 - 92	3	20
Chrysene	ND		192	151		ug/L		78	56 - 115	0	20
Dibenz(a,h)anthracene	ND		192	170		ug/L		89	44 - 128	0	20
Dibenzofuran	ND		192	148		ug/L		77	62 - 101	1	20
1,2-Dichlorobenzene	ND		192	137		ug/L		71	62 - 97	1	20
1,3-Dichlorobenzene	ND		192	134		ug/L		70	60 - 94	1	20
1,4-Dichlorobenzene	ND		192	134		ug/L		70	60 - 94	1	20
3,3'-Dichlorobenzidine	ND		192	167		ug/L		87	43 - 117	1	20
2,4-Dichlorophenol	ND		192	153		ug/L		80	60 - 99	0	20
Diethyl phthalate	ND		192	155		ug/L		81	63 - 108	0	20
2,4-Dimethylphenol	ND		192	139		ug/L		72	54 - 97	1	20
Dimethyl phthalate	ND		192	153		ug/L		79	65 - 109	0	20
Di-n-butyl phthalate	ND		192	159		ug/L		83	62 - 109	1	20
2,4-Dinitrophenol	ND		384	330		ug/L		86	20 - 131	2	20
2,4-Dinitrotoluene	ND		192	169		ug/L		88	62 - 112	1	20
2,6-Dinitrotoluene	ND		192	171		ug/L		89	64 - 112	2	20
Di-n-octyl phthalate	ND		192	164		ug/L		85	54 - 128	1	20
Diphenylamine	ND		329	249		ug/L		76	63 - 97	0	20
Fluoranthene	ND		192	163		ug/L		85	61 - 108	1	20

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

Lab Sample ID: 160-13617-10 MSD
Matrix: Water
Analysis Batch: 211234

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Fluorene	ND		192	148		ug/L		77	66 - 108	0	20
Hexachlorobenzene	ND		192	157		ug/L		82	62 - 108	0	20
Hexachlorobutadiene	ND		192	137		ug/L		71	57 - 97	1	20
Hexachlorocyclopentadiene	ND		192	147		ug/L		77	16 - 115	2	20
Hexachloroethane	ND		192	127		ug/L		66	57 - 97	0	20
Indeno[1,2,3-cd]pyrene	ND		192	186		ug/L		97	42 - 131	4	20
Isophorone	ND		192	151		ug/L		79	48 - 106	3	20
2-Methylnaphthalene	ND		192	149		ug/L		77	64 - 99	2	20
Naphthalene	ND		192	143		ug/L		75	63 - 98	1	20
2-Nitroaniline	ND		192	167		ug/L		87	62 - 115	4	20
3-Nitroaniline	ND		192	156		ug/L		81	52 - 108	1	20
4-Nitroaniline	ND		192	167		ug/L		87	56 - 114	0	20
Nitrobenzene	ND		192	161		ug/L		84	64 - 105	2	20
4-Nitrophenol	ND		384	101		ug/L		26	15 - 42	5	20
N-Nitrosodi-n-propylamine	ND		192	157		ug/L		81	64 - 110	8	20
N-Nitrosodiphenylamine	ND		384	291		ug/L		76	70 - 119	0	20
Pentachlorophenol	ND		384	314		ug/L		82	54 - 110	1	20
Phenanthrene	ND		192	151		ug/L		78	64 - 105	0	20
Phenol	ND		192	56.1		ug/L		29	15 - 70	2	20
Pyrene	ND		192	151		ug/L		79	57 - 118	0	20
1,2,4-Trichlorobenzene	ND		192	143		ug/L		74	61 - 95	1	20
2,4,5-Trichlorophenol	ND		192	170		ug/L		88	61 - 108	5	20
2,4,6-Trichlorophenol	ND		192	159		ug/L		83	61 - 108	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*82*		*43 - 108*
2-Fluorophenol (Surr)	*40*		*15 - 59*
Nitrobenzene-d5 (Surr)	*85*		*50 - 101*
Phenol-d5 (Surr)	*27*		*10 - 50*
Terphenyl-d14 (Surr)	*51*		*21 - 97*
2,4,6-Tribromophenol (Surr)	*89*		*37 - 120*

Lab Sample ID: MB 160-210082/1-A
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2-Chloronaphthalene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2-Chlorophenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,2-Dichlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,3-Dichlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,4-Dichlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
3,3'-Dichlorobenzidine	ND		1600	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4-Dichlorophenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4-Dimethylphenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Acenaphthene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Acenaphthylene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1

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

Lab Sample ID: MB 160-210082/1-A
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		330	60	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,3-Dinitrobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Anthracene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Benzo[a]anthracene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4-Dinitrophenol	ND		1600	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Benzo[a]pyrene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4-Dinitrotoluene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Benzo[b]fluoranthene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,6-Dinitrotoluene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Benzo[k]fluoranthene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
bis (2-chloroisopropyl) ether	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Bis(2-chloroethyl)ether	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Bis(2-ethylhexyl) phthalate	ND		330	45	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Butyl benzyl phthalate	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Chrysene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Dibenz(a,h)anthracene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Dibenzofuran	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2-Methylnaphthalene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Diethyl phthalate	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Dimethyl phthalate	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Di-n-butyl phthalate	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Di-n-octyl phthalate	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2-Nitroaniline	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Diphenylamine	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
3-Nitroaniline	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Fluoranthene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
4-Nitroaniline	ND		1600	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Fluorene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Hexachlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Hexachlorobutadiene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
4-Nitrophenol	ND		1600	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Hexachlorocyclopentadiene	ND		1600	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Hexachloroethane	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Indeno[1,2,3-cd]pyrene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Isophorone	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Naphthalene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Nitrobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
N-Nitrosodi-n-propylamine	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,2,4,5-Tetrachlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
N-Nitrosodiphenylamine	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,3,4,6-Tetrachlorophenol	ND		1600	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Pentachlorophenol	ND		660	330	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
1,2,4-Trichlorobenzene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Phenanthrene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4,5-Trichlorophenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Phenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
2,4,6-Trichlorophenol	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1
Pyrene	ND		330	33	ug/Kg		09/09/15 16:35	09/14/15 11:56	1

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

Lab Sample ID: MB 160-210082/1-A
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210082

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		56 - 97	09/09/15 16:35	09/14/15 11:56	1
2-Fluorophenol (Surr)	82		53 - 97	09/09/15 16:35	09/14/15 11:56	1
Nitrobenzene-d5 (Surr)	77		55 - 98	09/09/15 16:35	09/14/15 11:56	1
Phenol-d5 (Surr)	82		54 - 101	09/09/15 16:35	09/14/15 11:56	1
Terphenyl-d14 (Surr)	74		58 - 123	09/09/15 16:35	09/14/15 11:56	1
2,4,6-Tribromophenol (Surr)	60		46 - 111	09/09/15 16:35	09/14/15 11:56	1

Lab Sample ID: LCS 160-210082/2-A
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	6670	5090		ug/Kg		76	61 - 94
2-Chlorophenol	6670	5070		ug/Kg		76	60 - 91
1,2-Dichlorobenzene	6670	4910		ug/Kg		74	59 - 90
1,3-Dichlorobenzene	6670	4960		ug/Kg		74	57 - 88
1,4-Dichlorobenzene	6670	4890		ug/Kg		73	58 - 88
3,3'-Dichlorobenzidine	6670	3500		ug/Kg		52	50 - 90
2,4-Dichlorophenol	6670	5130		ug/Kg		77	59 - 90
2,4-Dimethylphenol	6670	4970		ug/Kg		75	54 - 108
Acenaphthene	6670	4850		ug/Kg		73	63 - 95
Acenaphthylene	6670	4910		ug/Kg		74	62 - 98
Anthracene	6670	5040		ug/Kg		76	63 - 100
Benzo[a]anthracene	6670	4960		ug/Kg		74	74 - 114
2,4-Dinitrophenol	13300	5160		ug/Kg		39	20 - 100
Benzo[a]pyrene	6670	5150		ug/Kg		77	63 - 103
2,4-Dinitrotoluene	6670	5040		ug/Kg		76	61 - 103
Benzo[b]fluoranthene	6670	5160		ug/Kg		77	68 - 109
2,6-Dinitrotoluene	6670	5260		ug/Kg		79	63 - 99
Benzo[k]fluoranthene	6670	4980		ug/Kg		75	69 - 111
bis (2-chloroisopropyl) ether	6670	5010		ug/Kg		75	47 - 105
Bis(2-chloroethyl)ether	6670	4870		ug/Kg		73	58 - 92
Bis(2-ethylhexyl) phthalate	6670	5240		ug/Kg		79	63 - 112
Butyl benzyl phthalate	6670	5340		ug/Kg		80	59 - 111
Chrysene	6670	4810		ug/Kg		72	66 - 100
Dibenz(a,h)anthracene	6670	5860		ug/Kg		88	67 - 114
Dibenzofuran	6670	4830		ug/Kg		72	58 - 95
2-Methylnaphthalene	6670	4770		ug/Kg		72	59 - 90
Diethyl phthalate	6670	4680		ug/Kg		70	62 - 97
Dimethyl phthalate	6670	4800		ug/Kg		72	63 - 98
Di-n-butyl phthalate	6670	5110		ug/Kg		77	62 - 104
Di-n-octyl phthalate	6670	5220		ug/Kg		78	61 - 111
2-Nitroaniline	6670	5100		ug/Kg		77	58 - 105
Diphenylamine	11400	8690	*	ug/Kg		76	78 - 133
3-Nitroaniline	6670	4090		ug/Kg		61	55 - 91
Fluoranthene	6670	4960		ug/Kg		74	63 - 101
4-Nitroaniline	6670	4430		ug/Kg		66	57 - 94
Fluorene	6670	4760		ug/Kg		71	62 - 96

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

Lab Sample ID: LCS 160-210082/2-A
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobenzene	6670	5250		ug/Kg		79	62 - 106
Hexachlorobutadiene	6670	5160		ug/Kg		77	57 - 94
4-Nitrophenol	13300	10000		ug/Kg		75	54 - 101
Hexachlorocyclopentadiene	6670	5520		ug/Kg		83	40 - 115
Hexachloroethane	6670	4840		ug/Kg		73	59 - 93
Indeno[1,2,3-cd]pyrene	6670	5780		ug/Kg		87	65 - 120
Isophorone	6670	4760		ug/Kg		71	57 - 86
Naphthalene	6670	4830		ug/Kg		72	60 - 90
Nitrobenzene	6670	5190		ug/Kg		78	58 - 95
N-Nitrosodi-n-propylamine	6670	4830		ug/Kg		72	60 - 104
N-Nitrosodiphenylamine	13300	10200	*	ug/Kg		76	78 - 133
Pentachlorophenol	13300	9310		ug/Kg		70	50 - 100
1,2,4-Trichlorobenzene	6670	5050		ug/Kg		76	60 - 91
Phenanthrene	6670	4970		ug/Kg		75	63 - 99
2,4,5-Trichlorophenol	6670	5100		ug/Kg		77	59 - 94
Phenol	6670	5140		ug/Kg		77	53 - 89
2,4,6-Trichlorophenol	6670	5240		ug/Kg		79	59 - 95
Pyrene	6670	5340		ug/Kg		80	64 - 102

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*56 - 97*
2-Fluorophenol (Surr)	*86*		*53 - 97*
Nitrobenzene-d5 (Surr)	*81*		*55 - 98*
Phenol-d5 (Surr)	*78*		*54 - 101*
Terphenyl-d14 (Surr)	*75*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*77*		*46 - 111*

Lab Sample ID: 160-13617-1 MS
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		10300	7160		ug/Kg	☼	70	57 - 94
Acenaphthylene	ND		10300	7210		ug/Kg	☼	70	57 - 97
Anthracene	ND		10300	7480		ug/Kg	☼	73	58 - 99
Benzo[a]anthracene	ND		10300	7570		ug/Kg	☼	73	68 - 114
Benzo[a]pyrene	ND		10300	7590		ug/Kg	☼	74	61 - 102
Benzo[b]fluoranthene	ND		10300	7750		ug/Kg	☼	75	63 - 107
Benzo[k]fluoranthene	ND		10300	7360		ug/Kg	☼	71	65 - 108
Bis(2-chloroethyl)ether	ND		10300	7380		ug/Kg	☼	72	50 - 88
bis (2-chloroisopropyl) ether	ND		10300	7330		ug/Kg	☼	71	42 - 97
Bis(2-ethylhexyl) phthalate	ND		10300	7840		ug/Kg	☼	76	60 - 110
Butyl benzyl phthalate	ND		10300	7880		ug/Kg	☼	77	56 - 110
2-Chloronaphthalene	ND		10300	7670		ug/Kg	☼	74	55 - 92
2-Chlorophenol	ND		10300	7210		ug/Kg	☼	70	47 - 90
Chrysene	ND		10300	7250		ug/Kg	☼	70	61 - 100
Dibenz(a,h)anthracene	ND		10300	7480		ug/Kg	☼	73	59 - 118
Dibenzofuran	ND		10300	6970		ug/Kg	☼	68	55 - 93

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

Lab Sample ID: 160-13617-1 MS
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	ND		10300	7020		ug/Kg	☼	68	46 - 85
1,3-Dichlorobenzene	ND		10300	7090		ug/Kg	☼	69	42 - 84
1,4-Dichlorobenzene	ND		10300	6930		ug/Kg	☼	67	45 - 83
3,3'-Dichlorobenzidine	ND		10300	6550		ug/Kg	☼	64	10 - 84
2,4-Dichlorophenol	ND		10300	7280		ug/Kg	☼	71	47 - 94
Diethyl phthalate	ND		10300	6840		ug/Kg	☼	66	58 - 100
2,4-Dimethylphenol	ND		10300	7150		ug/Kg	☼	69	33 - 109
Dimethyl phthalate	ND		10300	7050		ug/Kg	☼	68	59 - 100
Di-n-butyl phthalate	ND		10300	7490		ug/Kg	☼	73	58 - 106
2,4-Dinitrophenol	ND		20600	12700		ug/Kg	☼	62	13 - 103
2,4-Dinitrotoluene	ND		10300	6970		ug/Kg	☼	68	55 - 108
2,6-Dinitrotoluene	ND		10300	7700		ug/Kg	☼	75	58 - 101
Di-n-octyl phthalate	ND		10300	8420		ug/Kg	☼	82	58 - 113
Diphenylamine	ND	*	17600	13300		ug/Kg	☼	76	52 - 131
Fluoranthene	ND		10300	7040		ug/Kg	☼	68	58 - 103
Fluorene	ND		10300	6770		ug/Kg	☼	66	58 - 97
Hexachlorobenzene	ND		10300	7920		ug/Kg	☼	77	59 - 105
Hexachlorobutadiene	ND		10300	7970		ug/Kg	☼	77	47 - 89
Hexachlorocyclopentadiene	ND		10300	7410		ug/Kg	☼	72	17 - 112
Hexachloroethane	ND		10300	7080		ug/Kg	☼	69	43 - 88
Indeno[1,2,3-cd]pyrene	ND		10300	7110		ug/Kg	☼	69	56 - 123
Isophorone	ND		10300	7050		ug/Kg	☼	68	52 - 84
2-Methylnaphthalene	ND		10300	6880		ug/Kg	☼	67	52 - 88
Naphthalene	ND		10300	7140		ug/Kg	☼	69	52 - 86
2-Nitroaniline	ND		10300	7490		ug/Kg	☼	73	52 - 108
3-Nitroaniline	ND		10300	5850		ug/Kg	☼	57	44 - 103
4-Nitroaniline	ND		10300	6070		ug/Kg	☼	59	43 - 102
Nitrobenzene	ND		10300	7800		ug/Kg	☼	76	52 - 90
4-Nitrophenol	ND		20600	13900		ug/Kg	☼	68	48 - 105
N-Nitrosodi-n-propylamine	ND	F1	10300	6940		ug/Kg	☼	67	55 - 99
N-Nitrosodiphenylamine	ND	*	20600	15600		ug/Kg	☼	76	52 - 131
Pentachlorophenol	ND		20600	14600		ug/Kg	☼	71	35 - 104
Phenanthrene	ND		10300	7380		ug/Kg	☼	72	60 - 98
Phenol	ND		10300	7120		ug/Kg	☼	69	43 - 90
Pyrene	ND		10300	7170		ug/Kg	☼	70	53 - 106
1,2,4-Trichlorobenzene	ND		10300	7570		ug/Kg	☼	73	51 - 87
2,4,5-Trichlorophenol	ND		10300	7880		ug/Kg	☼	76	55 - 95
2,4,6-Trichlorophenol	ND		10300	7840		ug/Kg	☼	76	48 - 98

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*56 - 97*
2-Fluorophenol (Surr)	*80*		*53 - 97*
Nitrobenzene-d5 (Surr)	*78*		*55 - 98*
Phenol-d5 (Surr)	*69*		*54 - 101*
Terphenyl-d14 (Surr)	*67*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*71*		*46 - 111*

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

Lab Sample ID: 160-13617-1 MSD
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		10300	7180		ug/Kg	☼	70	57 - 94	0	30
Acenaphthylene	ND		10300	7140		ug/Kg	☼	69	57 - 97	1	30
Anthracene	ND		10300	7260		ug/Kg	☼	70	58 - 99	3	30
Benzo[a]anthracene	ND		10300	7370		ug/Kg	☼	72	68 - 114	3	30
Benzo[a]pyrene	ND		10300	7420		ug/Kg	☼	72	61 - 102	2	30
Benzo[b]fluoranthene	ND		10300	7620		ug/Kg	☼	74	63 - 107	2	30
Benzo[k]fluoranthene	ND		10300	7280		ug/Kg	☼	71	65 - 108	1	30
Bis(2-chloroethyl)ether	ND		10300	7160		ug/Kg	☼	69	50 - 88	3	30
bis (2-chloroisopropyl) ether	ND		10300	7240		ug/Kg	☼	70	42 - 97	1	30
Bis(2-ethylhexyl) phthalate	ND		10300	7640		ug/Kg	☼	74	60 - 110	3	30
Butyl benzyl phthalate	ND		10300	7600		ug/Kg	☼	74	56 - 110	4	30
2-Chloronaphthalene	ND		10300	7530		ug/Kg	☼	73	55 - 92	2	30
2-Chlorophenol	ND		10300	6670		ug/Kg	☼	65	47 - 90	8	30
Chrysene	ND		10300	7050		ug/Kg	☼	68	61 - 100	3	30
Dibenz(a,h)anthracene	ND		10300	6920		ug/Kg	☼	67	59 - 118	8	30
Dibenzofuran	ND		10300	7040		ug/Kg	☼	68	55 - 93	1	30
1,2-Dichlorobenzene	ND		10300	6630		ug/Kg	☼	64	46 - 85	6	30
1,3-Dichlorobenzene	ND		10300	6620		ug/Kg	☼	64	42 - 84	7	30
1,4-Dichlorobenzene	ND		10300	6620		ug/Kg	☼	64	45 - 83	5	30
3,3'-Dichlorobenzidine	ND		10300	6690		ug/Kg	☼	65	10 - 84	2	30
2,4-Dichlorophenol	ND		10300	7910		ug/Kg	☼	77	47 - 94	8	30
Diethyl phthalate	ND		10300	6840		ug/Kg	☼	66	58 - 100	0	30
2,4-Dimethylphenol	ND		10300	7630		ug/Kg	☼	74	33 - 109	6	30
Dimethyl phthalate	ND		10300	6870		ug/Kg	☼	67	59 - 100	2	30
Di-n-butyl phthalate	ND		10300	7320		ug/Kg	☼	71	58 - 106	2	30
2,4-Dinitrophenol	ND		20600	13300		ug/Kg	☼	64	13 - 103	4	30
2,4-Dinitrotoluene	ND		10300	7140		ug/Kg	☼	69	55 - 108	2	30
2,6-Dinitrotoluene	ND		10300	7700		ug/Kg	☼	75	58 - 101	0	30
Di-n-octyl phthalate	ND		10300	8110		ug/Kg	☼	79	58 - 113	4	30
Diphenylamine	ND	*	17600	12500		ug/Kg	☼	71	52 - 131	6	30
Fluoranthene	ND		10300	7060		ug/Kg	☼	68	58 - 103	0	30
Fluorene	ND		10300	6820		ug/Kg	☼	66	58 - 97	1	30
Hexachlorobenzene	ND		10300	7450		ug/Kg	☼	72	59 - 105	6	30
Hexachlorobutadiene	ND		10300	8020		ug/Kg	☼	78	47 - 89	1	30
Hexachlorocyclopentadiene	ND		10300	6390		ug/Kg	☼	62	17 - 112	15	30
Hexachloroethane	ND		10300	6760		ug/Kg	☼	66	43 - 88	5	30
Indeno[1,2,3-cd]pyrene	ND		10300	6590		ug/Kg	☼	64	56 - 123	8	30
Isophorone	ND		10300	6950		ug/Kg	☼	67	52 - 84	1	30
2-Methylnaphthalene	ND		10300	7530		ug/Kg	☼	73	52 - 88	9	30
Naphthalene	ND		10300	7230		ug/Kg	☼	70	52 - 86	1	30
2-Nitroaniline	ND		10300	7590		ug/Kg	☼	74	52 - 108	1	30
3-Nitroaniline	ND		10300	6690		ug/Kg	☼	65	44 - 103	13	30
4-Nitroaniline	ND		10300	6580		ug/Kg	☼	64	43 - 102	8	30
Nitrobenzene	ND		10300	8150		ug/Kg	☼	79	52 - 90	4	30
4-Nitrophenol	ND		20600	14100		ug/Kg	☼	68	48 - 105	1	30
N-Nitrosodi-n-propylamine	ND	F1	10300	5550	F1	ug/Kg	☼	54	55 - 99	22	30
N-Nitrosodiphenylamine	ND	*	20600	14700		ug/Kg	☼	71	52 - 131	6	30
Pentachlorophenol	ND		20600	15000		ug/Kg	☼	73	35 - 104	3	30

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

Lab Sample ID: 160-13617-1 MSD
Matrix: Solid
Analysis Batch: 210858

Client Sample ID: 2015.08.31 SEDIMENT DOWNSTREAM
Prep Type: Total/NA
Prep Batch: 210082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenanthrene	ND		10300	7390		ug/Kg	☼	72	60 - 98	0	30
Phenol	ND		10300	6690		ug/Kg	☼	65	43 - 90	6	30
Pyrene	ND		10300	7040		ug/Kg	☼	68	53 - 106	2	30
1,2,4-Trichlorobenzene	ND		10300	7900		ug/Kg	☼	77	51 - 87	4	30
2,4,5-Trichlorophenol	ND		10300	8090		ug/Kg	☼	78	55 - 95	3	30
2,4,6-Trichlorophenol	ND		10300	7620		ug/Kg	☼	74	48 - 98	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*76*		*56 - 97*
2-Fluorophenol (Surr)	*75*		*53 - 97*
Nitrobenzene-d5 (Surr)	*80*		*55 - 98*
Phenol-d5 (Surr)	*67*		*54 - 101*
Terphenyl-d14 (Surr)	*64*		*58 - 123*
2,4,6-Tribromophenol (Surr)	*74*		*46 - 111*

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

Lab Sample ID: MB 160-209441/1-A
Matrix: Water
Analysis Batch: 209844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 209441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	ND		0.20	0.057	ug/L		09/04/15 11:09	09/08/15 15:52	1
1,3-Dinitrobenzene	ND		0.20	0.10	ug/L		09/04/15 11:09	09/08/15 15:52	1
2,4,6-Trinitrotoluene	ND		0.20	0.080	ug/L		09/04/15 11:09	09/08/15 15:52	1
2,4-Dinitrotoluene	ND		0.20	0.081	ug/L		09/04/15 11:09	09/08/15 15:52	1
2,6-Dinitrotoluene	ND		0.20	0.13	ug/L		09/04/15 11:09	09/08/15 15:52	1
2-Amino-4,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 15:52	1
4-Amino-2,6-dinitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 15:52	1
3-Nitrotoluene	ND		0.20	0.12	ug/L		09/04/15 11:09	09/08/15 15:52	1
Nitrobenzene	ND		0.20	0.082	ug/L		09/04/15 11:09	09/08/15 15:52	1
Nitroglycerin	ND		1.0	0.54	ug/L		09/04/15 11:09	09/08/15 15:52	1
2-Nitrotoluene	ND		0.50	0.095	ug/L		09/04/15 11:09	09/08/15 15:52	1
4-Nitrotoluene	ND		0.50	0.14	ug/L		09/04/15 11:09	09/08/15 15:52	1
PETN	ND		2.0	0.61	ug/L		09/04/15 11:09	09/08/15 15:52	1
RDX	ND		0.20	0.094	ug/L		09/04/15 11:09	09/08/15 15:52	1
HMX	ND		0.20	0.11	ug/L		09/04/15 11:09	09/08/15 15:52	1
Tetryl	ND		0.20	0.059	ug/L		09/04/15 11:09	09/08/15 15:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dinitrobenzene (Surr)	*102*		*81 - 113*	*09/04/15 11:09*	*09/08/15 15:52*	*1*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: LCS 160-209441/2-A
Matrix: Water
Analysis Batch: 209844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 209441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	4.00	3.74		ug/L		93	74 - 114
1,3-Dinitrobenzene	4.00	3.77		ug/L		94	83 - 117
2,4,6-Trinitrotoluene	4.00	3.44		ug/L		86	64 - 115
2,4-Dinitrotoluene	4.00	3.80		ug/L		95	76 - 113
2,6-Dinitrotoluene	4.00	3.82		ug/L		96	67 - 121
2-Amino-4,6-dinitrotoluene	4.00	3.87		ug/L		97	67 - 120
4-Amino-2,6-dinitrotoluene	4.00	4.24		ug/L		106	66 - 140
3-Nitrotoluene	4.00	3.82		ug/L		96	69 - 129
Nitrobenzene	4.00	3.30		ug/L		83	75 - 120
Nitroglycerin	10.0	8.53		ug/L		85	40 - 122
2-Nitrotoluene	4.00	3.03		ug/L		76	66 - 128
4-Nitrotoluene	4.00	3.54		ug/L		89	70 - 120
PETN	10.0	9.02		ug/L		90	71 - 136
RDX	4.00	3.82		ug/L		96	75 - 115
HMX	4.00	3.88		ug/L		97	63 - 112
Tetryl	4.00	3.18		ug/L		80	41 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*93*		*81 - 113*

Lab Sample ID: 160-13617-10 MS
Matrix: Water
Analysis Batch: 209844

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trinitrobenzene	ND		4.00	3.61		ug/L		90	64 - 124
1,3-Dinitrobenzene	ND		4.00	3.74		ug/L		94	66 - 131
2,4,6-Trinitrotoluene	ND		4.00	3.43		ug/L		86	50 - 138
2,4-Dinitrotoluene	ND		4.00	3.86		ug/L		96	65 - 125
2,6-Dinitrotoluene	ND		4.00	3.85		ug/L		96	57 - 129
2-Amino-4,6-dinitrotoluene	ND		4.00	3.85		ug/L		96	65 - 123
4-Amino-2,6-dinitrotoluene	ND		4.00	4.07		ug/L		102	60 - 134
3-Nitrotoluene	ND		4.00	3.49		ug/L		87	59 - 119
Nitrobenzene	ND		4.00	3.37		ug/L		84	57 - 126
Nitroglycerin	ND		9.99	8.68		ug/L		87	45 - 130
2-Nitrotoluene	ND		4.00	3.20		ug/L		80	35 - 149
4-Nitrotoluene	ND		4.00	3.29		ug/L		82	58 - 123
PETN	ND		9.99	9.04		ug/L		91	56 - 128
RDX	ND		4.00	4.24		ug/L		106	53 - 138
HMX	ND		4.00	3.84		ug/L		96	34 - 150
Tetryl	ND		4.00	3.04		ug/L		76	35 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*92*		*81 - 113*

Method: 8330B - Nitroaromatics and Nitramines (HPLC) (Continued)

Lab Sample ID: 160-13617-10 MSD
Matrix: Water
Analysis Batch: 209844

Client Sample ID: 2015.08.31 MW-4
Prep Type: Total/NA
Prep Batch: 209441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3,5-Trinitrobenzene	ND		4.00	3.70		ug/L		92	64 - 124	2	20
1,3-Dinitrobenzene	ND		4.00	3.85		ug/L		96	66 - 131	3	20
2,4,6-Trinitrotoluene	ND		4.00	3.62		ug/L		90	50 - 138	5	20
2,4-Dinitrotoluene	ND		4.00	3.90		ug/L		97	65 - 125	1	20
2,6-Dinitrotoluene	ND		4.00	3.97		ug/L		99	57 - 129	3	20
2-Amino-4,6-dinitrotoluene	ND		4.00	3.99		ug/L		100	65 - 123	4	20
4-Amino-2,6-dinitrotoluene	ND		4.00	4.07		ug/L		102	60 - 134	0	20
3-Nitrotoluene	ND		4.00	3.31		ug/L		83	59 - 119	5	20
Nitrobenzene	ND		4.00	3.45		ug/L		86	57 - 126	2	20
Nitroglycerin	ND		10.0	8.40		ug/L		84	45 - 130	3	30
2-Nitrotoluene	ND		4.00	3.54		ug/L		89	35 - 149	10	20
4-Nitrotoluene	ND		4.00	3.30		ug/L		82	58 - 123	0	20
PETN	ND		10.0	8.82		ug/L		88	56 - 128	2	20
RDX	ND		4.00	4.20		ug/L		105	53 - 138	1	20
HMX	ND		4.00	3.97		ug/L		99	34 - 150	3	20
Tetryl	ND		4.00	2.53		ug/L		63	35 - 140	19	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dinitrobenzene (Surr)	*92*		*81 - 113*

QC Association Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

GC/MS VOA

Prep Batch: 209289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	5035	
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	5035	
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Total/NA	Solid	5035	
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Total/NA	Solid	5035	
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Total/NA	Solid	5035	
LCS 160-209289/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 160-209289/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 160-209289/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 209306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	8260C	209289
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	8260C	209289
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Total/NA	Solid	8260C	209289
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Total/NA	Solid	8260C	209289
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Total/NA	Solid	8260C	209289
LCS 160-209289/2-A	Lab Control Sample	Total/NA	Solid	8260C	209289
LCSD 160-209289/3-A	Lab Control Sample Dup	Total/NA	Solid	8260C	209289
MB 160-209289/1-A	Method Blank	Total/NA	Solid	8260C	209289

Analysis Batch: 209406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-5	2015.08.31 FIELD BLANK	Total/NA	Water	8260C	
160-13617-6	2015.08.31 EQUIPMENT BLANK	Total/NA	Water	8260C	
160-13617-7	2015.08.31 MW-1	Total/NA	Water	8260C	
160-13617-8	2015.08.31 MW-2	Total/NA	Water	8260C	
160-13617-9	2015.08.31 MW-3	Total/NA	Water	8260C	
160-13617-10	2015.08.31 MW-4	Total/NA	Water	8260C	
160-13617-10 MS	2015.08.31 MW-4	Total/NA	Water	8260C	
160-13617-10 MSD	2015.08.31 MW-4	Total/NA	Water	8260C	
160-13617-11	2015.08.31 MW-5	Total/NA	Water	8260C	
160-13617-12	2015.08.31 MW-6	Total/NA	Water	8260C	
160-13617-13	2015.08.31 GW DUP # 1	Total/NA	Water	8260C	
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	Total/NA	Water	8260C	
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCI	Total/NA	Water	8260C	
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	Total/NA	Water	8260C	
160-13617-17	TRIP BLANK 1	Total/NA	Water	8260C	
160-13617-18	TRIP BLANK 2	Total/NA	Water	8260C	
160-13617-19	TRIP BLANK 3	Total/NA	Water	8260C	
LCS 160-209406/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 160-209406/5	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 160-209406/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 209718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-20 - RA	TRIP BLANK 4	Total/NA	Water	8260C	
LCS 160-209718/13	Lab Control Sample	Total/NA	Water	8260C	
LCSD 160-209718/14	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 160-209718/16	Method Blank	Total/NA	Water	8260C	

QC Association Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

GC/MS Semi VOA

Prep Batch: 209159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-5	2015.08.31 FIELD BLANK	Total/NA	Water	3510C	
160-13617-6	2015.08.31 EQUIPMENT BLANK	Total/NA	Water	3510C	
160-13617-7	2015.08.31 MW-1	Total/NA	Water	3510C	
160-13617-8	2015.08.31 MW-2	Total/NA	Water	3510C	
160-13617-9	2015.08.31 MW-3	Total/NA	Water	3510C	
160-13617-10	2015.08.31 MW-4	Total/NA	Water	3510C	
160-13617-10 MS	2015.08.31 MW-4	Total/NA	Water	3510C	
160-13617-10 MSD	2015.08.31 MW-4	Total/NA	Water	3510C	
160-13617-11	2015.08.31 MW-5	Total/NA	Water	3510C	
160-13617-12	2015.08.31 MW-6	Total/NA	Water	3510C	
160-13617-13	2015.08.31 GW DUP # 1	Total/NA	Water	3510C	
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	Total/NA	Water	3510C	
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCI	Total/NA	Water	3510C	
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	Total/NA	Water	3510C	
LCS 160-209159/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 160-209159/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 210082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	3550C	
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	3550C	
160-13617-1 MSD	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	3550C	
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Total/NA	Solid	3550C	
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Total/NA	Solid	3550C	
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Total/NA	Solid	3550C	
LCS 160-210082/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 160-210082/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 210858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	8270D	210082
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	8270D	210082
160-13617-1 MSD	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	8270D	210082
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Total/NA	Solid	8270D	210082
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Total/NA	Solid	8270D	210082
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Total/NA	Solid	8270D	210082
LCS 160-210082/2-A	Lab Control Sample	Total/NA	Solid	8270D	210082
MB 160-210082/1-A	Method Blank	Total/NA	Solid	8270D	210082

Analysis Batch: 211234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-5	2015.08.31 FIELD BLANK	Total/NA	Water	8270D	209159
160-13617-6	2015.08.31 EQUIPMENT BLANK	Total/NA	Water	8270D	209159
160-13617-7	2015.08.31 MW-1	Total/NA	Water	8270D	209159
160-13617-8	2015.08.31 MW-2	Total/NA	Water	8270D	209159
160-13617-9	2015.08.31 MW-3	Total/NA	Water	8270D	209159
160-13617-10	2015.08.31 MW-4	Total/NA	Water	8270D	209159
160-13617-10 MS	2015.08.31 MW-4	Total/NA	Water	8270D	209159
160-13617-10 MSD	2015.08.31 MW-4	Total/NA	Water	8270D	209159
160-13617-11	2015.08.31 MW-5	Total/NA	Water	8270D	209159
160-13617-12	2015.08.31 MW-6	Total/NA	Water	8270D	209159

GC/MS Semi VOA (Continued)

Analysis Batch: 211234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-13	2015.08.31 GW DUP # 1	Total/NA	Water	8270D	209159
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	Total/NA	Water	8270D	209159
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCI	Total/NA	Water	8270D	209159
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	Total/NA	Water	8270D	209159
LCS 160-209159/2-A	Lab Control Sample	Total/NA	Water	8270D	209159
MB 160-209159/1-A	Method Blank	Total/NA	Water	8270D	209159

HPLC/IC

Prep Batch: 209441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-5	2015.08.31 FIELD BLANK	Total/NA	Water	8330-Prep	
160-13617-6	2015.08.31 EQUIPMENT BLANK	Total/NA	Water	8330-Prep	
160-13617-7	2015.08.31 MW-1	Total/NA	Water	8330-Prep	
160-13617-8	2015.08.31 MW-2	Total/NA	Water	8330-Prep	
160-13617-9	2015.08.31 MW-3	Total/NA	Water	8330-Prep	
160-13617-10	2015.08.31 MW-4	Total/NA	Water	8330-Prep	
160-13617-10 MS	2015.08.31 MW-4	Total/NA	Water	8330-Prep	
160-13617-10 MSD	2015.08.31 MW-4	Total/NA	Water	8330-Prep	
160-13617-11	2015.08.31 MW-5	Total/NA	Water	8330-Prep	
160-13617-12	2015.08.31 MW-6	Total/NA	Water	8330-Prep	
160-13617-13	2015.08.31 GW DUP # 1	Total/NA	Water	8330-Prep	
LCS 160-209441/2-A	Lab Control Sample	Total/NA	Water	8330-Prep	
MB 160-209441/1-A	Method Blank	Total/NA	Water	8330-Prep	

Analysis Batch: 209844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-5	2015.08.31 FIELD BLANK	Total/NA	Water	8330B	209441
160-13617-6	2015.08.31 EQUIPMENT BLANK	Total/NA	Water	8330B	209441
160-13617-7	2015.08.31 MW-1	Total/NA	Water	8330B	209441
160-13617-8	2015.08.31 MW-2	Total/NA	Water	8330B	209441
160-13617-9	2015.08.31 MW-3	Total/NA	Water	8330B	209441
160-13617-10	2015.08.31 MW-4	Total/NA	Water	8330B	209441
160-13617-10 MS	2015.08.31 MW-4	Total/NA	Water	8330B	209441
160-13617-10 MSD	2015.08.31 MW-4	Total/NA	Water	8330B	209441
160-13617-11	2015.08.31 MW-5	Total/NA	Water	8330B	209441
160-13617-12	2015.08.31 MW-6	Total/NA	Water	8330B	209441
160-13617-13	2015.08.31 GW DUP # 1	Total/NA	Water	8330B	209441
LCS 160-209441/2-A	Lab Control Sample	Total/NA	Water	8330B	209441
MB 160-209441/1-A	Method Blank	Total/NA	Water	8330B	209441

General Chemistry

Analysis Batch: 209165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-13617-1	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	Moisture	
160-13617-1 DU	2015.08.31 SEDIMENT DOWNSTREAM	Total/NA	Solid	Moisture	
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	Total/NA	Solid	Moisture	
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	Total/NA	Solid	Moisture	
160-13617-4	2015.08.31 SEDIMENT DUP # 2	Total/NA	Solid	Moisture	

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(72-127)	(63-150)	(70-126)	(80-120)
160-13617-1	2015.08.31 SEDIMENT DOWNS	104	126 *	112	127 X
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	82	112	87	106
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	101	128 *	104	125 X
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	107	126 *	109	134 X
160-13617-4	2015.08.31 SEDIMENT DUP # 2	108	122 *	105	133 X
LCS 160-209289/2-A	Lab Control Sample	98	95	99	111
LCSD 160-209289/3-A	Lab Control Sample Dup	100	106	98	114
MB 160-209289/1-A	Method Blank	105	104	113	115

Surrogate Legend

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

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(78-127)	(75-123)	(80-120)	(80-120)
160-13617-5	2015.08.31 FIELD BLANK	100	99	110	114
160-13617-6	2015.08.31 EQUIPMENT BLANI	102	109	109	120
160-13617-7	2015.08.31 MW-1	108	100	111	90
160-13617-8	2015.08.31 MW-2	107	99	113	148 X
160-13617-9	2015.08.31 MW-3	104	84	108	114
160-13617-10	2015.08.31 MW-4	110	95 *	142 X	111 *
160-13617-10 MS	2015.08.31 MW-4	95	89	102	103
160-13617-10 MSD	2015.08.31 MW-4	90	119	79 X	111
160-13617-11	2015.08.31 MW-5	106	93 *	115	147 X
160-13617-12	2015.08.31 MW-6	106	96 *	110	94
160-13617-13	2015.08.31 GW DUP # 1	106	94 *	120	117 *
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	106	132 * X	112	117
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCHARGE	87	92 *	92	119 *
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	80	79	87	121 X
160-13617-17	TRIP BLANK 1	105	111 *	112	123 X
160-13617-18	TRIP BLANK 2	100	97 *	117	121 * X
160-13617-19	TRIP BLANK 3	103	121 *	152 X	118 *
160-13617-20 - RA	TRIP BLANK 4	91	95	97	100
LCS 160-209406/4	Lab Control Sample	94	100	94	107
LCS 160-209718/13	Lab Control Sample	90	98	95	103
LCSD 160-209406/5	Lab Control Sample Dup	97	103	93	111
LCSD 160-209718/14	Lab Control Sample Dup	87	103	96	105
MB 160-209406/7	Method Blank	107	110	107	100
MB 160-209718/16	Method Blank	90	96	97	101

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(56-97)	(53-97)	(55-98)	(54-101)	(58-123)	(46-111)
160-13617-1	2015.08.31 SEDIMENT DOWNS	78	78	76	74	66	64
160-13617-1 MS	2015.08.31 SEDIMENT DOWNSTREAM	77	80	78	69	67	71
160-13617-1 MSD	2015.08.31 SEDIMENT DOWNSTREAM	76	75	80	67	64	74
160-13617-2	2015.08.31 SEDIMENT POINT OF DISCHARGE	84	81	82	76	67	74
160-13617-3	2015.08.31 SEDIMENT UPSTREAM	80	80	79	74	64	65
160-13617-4	2015.08.31 SEDIMENT DUP # 2	73	70	73	66	59	60
LCS 160-210082/2-A	Lab Control Sample	79	86	81	78	75	77
MB 160-210082/1-A	Method Blank	78	82	77	82	74	60

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(43-108)	(15-59)	(50-101)	(10-50)	(21-97)	(37-120)
160-13617-5	2015.08.31 FIELD BLANK	75	35	77	22	66	86
160-13617-6	2015.08.31 EQUIPMENT BLANI	75	34	77	22	66	84
160-13617-7	2015.08.31 MW-1	80	36	81	23	50	93
160-13617-8	2015.08.31 MW-2	78	39	80	23	50	88
160-13617-9	2015.08.31 MW-3	77	35	77	23	51	86
160-13617-10	2015.08.31 MW-4	77	35	79	23	48	83
160-13617-10 MS	2015.08.31 MW-4	82	39	83	26	53	91
160-13617-10 MSD	2015.08.31 MW-4	82	40	85	27	51	89
160-13617-11	2015.08.31 MW-5	76	34	78	20	31	84
160-13617-12	2015.08.31 MW-6	81	37	83	24	28	89
160-13617-13	2015.08.31 GW DUP # 1	78	36	81	23	28	86
160-13617-14	2015.08.31 SURFACE WATER DOWNSTREAM	75	30	77	20	44	71
160-13617-15	2015.08.31 SURFACE WATER POINT OF DISCHARGE	77	29	77	19	45	51
160-13617-16	2015.08.31 SURFACE WATER UPSTREAM	82	38	83	24	52	81
LCS 160-209159/2-A	Lab Control Sample	82	55	86	44	76	93

Surrogate Summary

Client: SEMS, Inc
Project/Site: Camp Minden Baseline Project

TestAmerica Job ID: 160-13617-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (43-108)	2FP (15-59)	NBZ (50-101)	PHL (10-50)	TPH (21-97)	TBP (37-120)
MB 160-209159/1-A	Method Blank	77	54	82	39	69	86

Surrogate Legend

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

Method: 8330B - Nitroaromatics and Nitramines (HPLC)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	12DNB1 (81-113)
160-13617-5	2015.08.31 FIELD BLANK	97
160-13617-6	2015.08.31 EQUIPMENT BLANI	93
160-13617-7	2015.08.31 MW-1	103
160-13617-8	2015.08.31 MW-2	110
160-13617-9	2015.08.31 MW-3	103
160-13617-10	2015.08.31 MW-4	90
160-13617-10 MS	2015.08.31 MW-4	92
160-13617-10 MSD	2015.08.31 MW-4	92
160-13617-11	2015.08.31 MW-5	90
160-13617-12	2015.08.31 MW-6	109
160-13617-13	2015.08.31 GW DUP # 1	101
LCS 160-209441/2-A	Lab Control Sample	93
MB 160-209441/1-A	Method Blank	102

Surrogate Legend

12DNB = 1,2-Dinitrobenzene (Surr)