HAZARD RANKING SYSTEM (HRS) PACKAGE
WAPPINGER CREEK
DOWNSTREAM OF WAPPINGERS FALLS
WAPPINGER FALLS, NY

EPA ID No.: NYN000201758

VOLUME 5 OF 14

EPA Contract No. EP-S13-08-01
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March 2016

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Prepared by:
Weston Solutions, Inc.
Edison, New Jersey 08837

411955

REFERENCE 33

[EXECUTIVE NARRATIVE

Case No. : 45717
Site: Wappinger Creek
Number of Samples: 20 (Soil)
Analysis: VOA, BNA

SDG No.: BC794
Laboratory: Chemtech
Sampling dates: 11/12/15
Validation SOP: HW-33A (Rev 0), HW-35A (Rev 0)

QAPP:
Contractor: Weston Solutions
Reference: DCN: W0269_1E_00632

SUMMARY OF DEFINITIONS:
Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None

Major Findings:
The following samples have analytes that have been qualified J, J+ or J-.
VOA: BC794, BC795, BC7A4, BC7A8, BC7A9, BC7H9
BNA: BC7A2, BC7A4, BC7A5, BC7A8, BC7A9, BC7B0, BC7D0

Minor Findings:
None.

COMMENTS:	The site specific QAPP did not specify the project action levels for this site.

Reviewer Name(s): Israel Okwuonu

Approver's Signature: **Date: 12/01/2015**

Name: **Narendra Kumar**

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	**Explanation**		
	INORGANICS	**ORGANICS**	**CHLORINATED DIOXIN/FURAN**
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: VOA

The current SOP HW-33A (Revision 0) July 2015, USEPA Region II for the evaluation of Volatile organic data generated through Statement of Work SOM02.2 has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report. Tentatively Identified Compounds (TICs) for VOA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery limits were outside Table 6 of the SOP HW-33A (Revision 0) qualifications were applied as per Table 7 SOP HW-33A (Revision 0) to all the samples and analytes as shown below.

The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified as estimated J-. Non-detects are qualified as estimated UJ.

1,1-Dichloroethene-d2 BC7A8, BC7A9, BC795, BC7H9, BC794
trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 1,1-Dichloroethene

The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Non-detects are not qualified.

1,2-Dichloropropane-d6 BC7A5
Cyclohexane, Methyl cyclohexane, 1,2-Dichloropropane, Bromodichloromethane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with

other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as per Table 5 of SOP HW-33A (Rev 0).

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

The following samples have analyte results reported less than 2x CRQL. The associated rinse blank results are less than 2x CRQL. Detects are qualified U. Sample results have been reported at CRQLs.

Acetone BC794, BC799, BC7A6, BC7D1

C) Trip blank contamination for VOA aqueous samples:

Not applicable.

D) Storage Blank associated with VOA samples only:

No problems were found for this criterion.

E) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for VOA organic fractions are not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. All analytes for initial and continuing calibration should meet the minimum RRF criteria as listed in Table 2 of SOP HW 33A (Rev 0). If RRF is less than minimum RRF as specified in Table 2 for all target analytes, use professional judgment and all detects in the sample will be qualified as "J+" or "R". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance.

Percent RSD must be less than maximum %RSD in Table 2 of SOP HW 33A (Rev 0) for all target analytes. For the opening or closing CCV %D must be within the inclusive opening or closing maximum %D limits as listed in Table 2 of SOP HW 33A (Rev 0) for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, detects may be qualified as "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified as estimated J. Non-detects are not qualified.

Bromoform BC794, BC795, BC796, BC797, BC798, BC799, BC7A0, BC7A1, BC7A2, BC7A3, BC7A4, BC7A5, BC7A6, BC7A8, BC7A9, BC7B0, BC7C9, BC7D0, BC7D1, BC7H9, VBLK78, VBLK80, VBLK81, VHBLK01

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range as specified in Table 9 of SOP HW 33A (Rev 0) of the associated continuing calibration internal standard area. The retention time of the internal standards must be within the range

as specified in Table 9 of SOP HW 33A (Rev 0). If the area count is greater than, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time were not met as specified in Table 9 of SOP HW 33A (Rev 0), the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

The following samples have internal standard area response greater than or equal to expanded minimum criteria and less than primary minimum criteria. Detects are qualified as estimated J+. Non-detects are qualified as estimated UJ.

1,4-Dichlorobenzene-d_4 BC7A9
Bromoform, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

8. FIELD DUPLICATES:

No problems were found for this criterion.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

Percent relative standard deviation (%RSD) fell outside the contractual criterion in the initial calibration for Bromoform.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

The following soil samples have percent solids greater than 10% but less than 30%. Detects are qualified J. Non-detects are qualified UJ.

BC7A2, BC7A4

13. DILUTIONS, RE-EXTRACTIONS & REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

ANALYSIS: BNA

The current SOP HW-35A (Revision 0) July 2015, USEPA Region II for the evaluation of Semi-Volatile organic data generated through Statement of Work SOM02.2 has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report. Tentatively Identified Compounds (TICs) for BNA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded, qualifications will be applied as per SOP HW-35A (Rev 0).

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMCs)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery limits were outside Table 6 of SOP HW-35A (Revision 0), qualifications were applied as per Table 7 of SOP HW-35A (Revision 0) to all the samples and analytes as shown below.

The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified as estimated J-. Non-detects are qualified as estimated UJ.

1**,4-Dioxane-d_8** BC7A5, BC7A8, BC7A9, BC7B0, BC7D0
1,4-Dioxane

The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified as estimated J+. Non-detects are not qualified.

1,4-Dioxane-d8 BC794
1,4-Dioxane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as per Table 5 of SOP HW-35A (Rev 0).

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination: (BC763)

No qualification required due to rinse blank contamination.

C) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for BNA organic fraction are not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. All analytes for initial and continuing calibration should meet the minimum RRF criteria as listed in Table 2 of SOP HW 35A (Rev 0). If RRF is less than minimum RRF as specified in Table 2 for all target analytes, use professional judgment and all detects in the sample will be qualified as "J+" or "R". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance.

Percent RSD must be less than maximum %RSD in Table 2 of SOP HW 35A (Rev 0) for all target analytes. For the opening or closing CCV %D must be within the inclusive opening or closing maximum %D limits as listed in Table 2 of SOP HW 35A (Rev 0) for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, detects may be qualified as "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range as specified in Table 10 of SOP HW 35A (Rev 0) of the associated continuing calibration internal standard area. The retention time of the internal standards must be within the range as specified in Table 10 of SOP HW 35A (Rev 0). If the area count is greater than, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time were not met as specified in Table 10 of SOP HW 35A (Rev 0), the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

8. FIELD DUPLICATES:

The following compounds in the field duplicates samples BC795/BC7H9 have relative percent differences greater than 50%.
Chrysene (67.9), Benzo (b) fluoranthene (70.9), Benzo (a) pyrene (71.5). In the same field duplicates, Indeno-(1,2,3-cd) pyrene, Phenanthrene and Benzo (g,h,i) perylene have concentrations in the original sample BC795 less than CRQL and undetected in the duplicate sample BC7H9. Fluoranthene concentration is greater than CRQL in BC795 but less than CRQL in the duplicate sample BC7H9.

9. COMPOUND IDENTIFICATION:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within 0.06 RRT units of the standard compound and have ion spectra which have a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

The following soil samples have percent solids greater than 10% but less than 30%. Detects are qualified J. Non-detects are qualified UJ.

BC7A2, BC7A4

13. DILUTIONS, RE-EXTRACTIONS and REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

Sample Summary Report

0269-SED07-12-24

Case No:	45717	Contract:	EPW14030	SDG No:	BC794	Lab Code:	CHM

Sample Number:	BC794	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:10:00
% Moisture :				% Solids :	72.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Chloromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Bromomethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Chloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.7	UJ	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Acetone	Target	15	U	ug/kg	11	J	1.0	Yes	S3VEM
Carbon disulfide	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.7	UJ	ug/kg	7.7	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.7	UJ	ug/kg	7.7	U	1.0	Yes	S3VEM
2-Butanone	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Bromochloromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Chloroform	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Benzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
cis-1,3-Dichloropropene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Toluene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
2-Hexanone	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
o-xylene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Styrene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Bromoform	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.7	U	ug/kg	7.7	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No:	45717	Contract:	EPW14030	SDG No:	BC794	Lab Code:	CHM

Sample Number:	BC794	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:	6.74	Sample Date:	11/12/2015	Sample Time:	11:10:00
% Moisture :				% Solids :	72.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	92	U	ug/kg	92	U	1.0	Yes	S3VEM
Benzaldehyde	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Phenol	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Acetophenone	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachloroethane	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Nitrobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Isophorone	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Naphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Caprolactam	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1400		ug/kg	1400		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Acenaphthene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Dibenzofuran	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Diethylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Fluorene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Atrazine	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Phenanthrene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Anthracene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Carbazole	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Fluoranthene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Pyrene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Chrysene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Hexanoic acid, 2-ethyl-	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3100	J	ug/kg	3100	J	1.0	Yes	NV
.psi.,.psi.-Carotene, 7,7,8,8,11	TIC	110	J	ug/kg	110	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC795	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:	6.84	Sample Date:	11/12/2015	Sample Time:	10:55:00
% Moisture :				% Solids :	81.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	83	U	ug/kg	83	U	1.0	Yes	S3VEM
Benzaldehyde	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenol	Target	83	J	ug/kg	83	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acetophenone	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acenaphthene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Dibenzofuran	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenanthrene	Target	53	J	ug/kg	53	J	1.0	Yes	S3VEM
Anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Carbazole	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	250		ug/kg	250		1.0	Yes	S3VEM
Pyrene	Target	200	J	ug/kg	200	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
Chrysene	Target	140	J	ug/kg	140	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	64	J	ug/kg	64	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	150	J	ug/kg	150	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	73	J	ug/kg	73	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	72	J	ug/kg	72	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	2800	J	ug/kg	2800	J	1.0	Yes	NV
Total Alkanes	TIC	490		ug/kg	490		1.0	Yes	NV
Hexanoic acid, 2-ethyl-	TIC	140	J	ug/kg	140	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC795	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	10:55:00
% Moisture :				% Solids :	81.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromomethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.0	UJ	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Acetone	Target	12	U	ug/kg	17		1.0	Yes	S3VEM
Carbon disulfide	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.0	UJ	ug/kg	6.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	6.0	UJ	ug/kg	6.0	U	1.0	Yes	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromochloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloroform	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Benzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Toluene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
o-xylene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Styrene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromoform	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC796	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:30:00
% Moisture :				% Solids :	32.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Chloromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Vinyl chloride	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Bromomethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Chloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Acetone	Target	100		ug/kg	100		1.0	Yes	S3VEM
Carbon disulfide	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Methyl Acetate	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Methylene chloride	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
2-Butanone	Target	30	J	ug/kg	30	J	1.0	Yes	S3VEM
Bromochloromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Chloroform	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Cyclohexane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Benzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Trichloroethene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	47	U	ug/kg	47	U	1.0	Yes	S3VEM
Toluene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
2-Hexanone	Target	47	U	ug/kg	47	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Chlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Ethylbenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
o-xylene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
m,p-Xylene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Styrene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Bromoform	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	24	U	ug/kg	24	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC796	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:	6.25	Sample Date:	11/12/2015	Sample Time:	11:30:00
% Moisture :				% Solids :	32.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenol	Target	290	J	ug/kg	290	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acetophenone	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachloroethane	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Nitrobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Isophorone	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Naphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Caprolactam	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	2600		ug/kg	2600		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acenaphthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Diethylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Fluorene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Atrazine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenanthrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Anthracene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Carbazole	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Fluoranthene	Target	340	J	ug/kg	340	J	1.0	Yes	S3VEM
Pyrene	Target	260	J	ug/kg	260	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
Chrysene	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	150	J	ug/kg	150	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
unknown-01	TIC	270	J	ug/kg	270	J	1.0	Yes	NV
Pentanoic acid, 3-hydroxy-4-methyl	TIC	620	J	ug/kg	620	J	1.0	Yes	NV
Butanoic acid, 3-hydroxy-, methyl	TIC	270	J	ug/kg	270	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	8600	J	ug/kg	8600	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
unknown-02	TIC	300	J	ug/kg	300	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC797	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:	6.35	Sample Date:	11/12/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	38.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Benzaldehyde	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Phenol	Target	140	J	ug/kg	140	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2-Methylphenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Acetophenone	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
4-Methylphenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Hexachloroethane	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Nitrobenzene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Isophorone	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Naphthalene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Caprolactam	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1900		ug/kg	1900		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Acenaphthene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Dibenzofuran	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Diethylphthalate	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Fluorene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Atrazine	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Phenanthrene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Anthracene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Carbazole	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Fluoranthene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Pyrene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Chrysene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	850	U	ug/kg	850	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	440	U	ug/kg	440	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	5000	J	ug/kg	5000	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC797	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	38.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Chloromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Vinyl chloride	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Bromomethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Chloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Acetone	Target	120		ug/kg	120		1.0	Yes	S3VEM
Carbon disulfide	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Methyl Acetate	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Methylene chloride	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
2-Butanone	Target	41	J	ug/kg	41	J	1.0	Yes	S3VEM
Bromochloromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Chloroform	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Cyclohexane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Benzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Trichloroethene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	42	U	ug/kg	42	U	1.0	Yes	S3VEM
Toluene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
2-Hexanone	Target	42	U	ug/kg	42	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Chlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Ethylbenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
o-xylene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
m,p-Xylene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Styrene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Bromoform	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	21	U	ug/kg	21	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC798	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:	6.41	Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	36.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	180	U	ug/kg	180	U	1.0	Yes	S3VEM
Benzaldehyde	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenol	Target	210	J	ug/kg	210	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acetophenone	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachloroethane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Nitrobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Isophorone	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Naphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Caprolactam	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	2200		ug/kg	2200		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acenaphthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Dibenzofuran	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Diethylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluorene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Atrazine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenanthrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Carbazole	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluoranthene	Target	210	J	ug/kg	210	J	1.0	Yes	S3VEM
Pyrene	Target	160	J	ug/kg	160	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	100	J	ug/kg	100	J	1.0	Yes	S3VEM
Chrysene	Target	98	J	ug/kg	98	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	99	J	ug/kg	99	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	6500	J	ug/kg	6500	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Hexanoic acid, 2-ethyl-	TIC	390	J	ug/kg	390	J	1.0	Yes	NV
Dichloroacetic acid, heptadecyl es	TIC	280	J	ug/kg	280	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC798	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	36.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Vinyl chloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromomethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Acetone	Target	130		ug/kg	130		1.0	Yes	S3VEM
Carbon disulfide	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methyl Acetate	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methylene chloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
2-Butanone	Target	36	J	ug/kg	36	J	1.0	Yes	S3VEM
Bromochloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloroform	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Cyclohexane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Benzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Trichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	38	U	ug/kg	38	U	1.0	Yes	S3VEM
Toluene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
2-Hexanone	Target	38	U	ug/kg	38	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Ethylbenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
o-xylene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
m,p-Xylene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Styrene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromoform	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC799	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:	6.47	Sample Date:	11/12/2015	Sample Time:	12:10:00
% Moisture :				% Solids :	34.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzaldehyde	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Phenol	Target	190	J	ug/kg	190	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2-Methylphenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Acetophenone	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
4-Methylphenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Hexachloroethane	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Nitrobenzene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Isophorone	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Naphthalene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Caprolactam	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	2700		ug/kg	2700		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Acenaphthene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Dibenzofuran	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Diethylphthalate	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Fluorene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Atrazine	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Phenanthrene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Anthracene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Carbazole	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Fluoranthene	Target	200	J	ug/kg	200	J	1.0	Yes	S3VEM
Pyrene	Target	160	J	ug/kg	160	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
Chrysene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	940	U	ug/kg	940	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	490	U	ug/kg	490	U	1.0	Yes	S3VEM
Dodecanoic acid, undecyl ester	TIC	330	J	ug/kg	330	J	1.0	Yes	NV
unknown-02	TIC	340	J	ug/kg	340	J	1.0	Yes	NV
Pentanoic acid, 3-hydroxy-, methyl	TIC	950	J	ug/kg	950	J	1.0	Yes	NV
Butanoic acid, 3-hydroxy-, methyl	TIC	400	J	ug/kg	400	J	1.0	Yes	NV
Total Alkanes	TIC	880		ug/kg	880		1.0	Yes	NV
unknown-01	TIC	280	J	ug/kg	280	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3500	J	ug/kg	3500	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC799	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:10:00
% Moisture :				% Solids :	34.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Vinyl chloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromomethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Acetone	Target	45	U	ug/kg	59		1.0	Yes	S3VEM
Carbon disulfide	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methyl Acetate	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methylene chloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
2-Butanone	Target	45	U	ug/kg	45	U	1.0	Yes	S3VEM
Bromochloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloroform	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Cyclohexane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Benzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Trichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	45	U	ug/kg	45	U	1.0	Yes	S3VEM
Toluene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
2-Hexanone	Target	45	U	ug/kg	45	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Ethylbenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
o-xylene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
m,p-Xylene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Styrene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromoform	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A0	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:30:00
% Moisture :				% Solids :	36.8		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Vinyl chloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromomethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Acetone	Target	100		ug/kg	100		1.0	Yes	S3VEM
Carbon disulfide	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methyl Acetate	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methylene chloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
2-Butanone	Target	31	J	ug/kg	31	J	1.0	Yes	S3VEM
Bromochloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chloroform	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Cyclohexane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Benzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Trichloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	38	U	ug/kg	38	U	1.0	Yes	S3VEM
Toluene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
2-Hexanone	Target	38	U	ug/kg	38	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Chlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Ethylbenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
o-xylene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
m,p-Xylene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Styrene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Bromoform	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	19	U	ug/kg	19	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: BC7A0	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED09	pH: 6.38	Sample Date: 11/12/2015	Sample Time: 12:30:00
% Moisture :		% Solids : 36.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	180	U	ug/kg	180	U	1.0	Yes	S3VEM
Benzaldehyde	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenol	Target	150	J	ug/kg	150	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acetophenone	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachloroethane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Nitrobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Isophorone	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Naphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Caprolactam	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	3100		ug/kg	3100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acenaphthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Dibenzofuran	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Diethylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluorene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Atrazine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenanthrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Carbazole	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Chrysene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexanoic acid, 2-ethyl-	TIC	380	J	ug/kg	380	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	5100	J	ug/kg	5100	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A1	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:	6.51	Sample Date:	11/12/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	34.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzaldehyde	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Phenol	Target	200	J	ug/kg	200	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2-Methylphenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Acetophenone	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
4-Methylphenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Hexachloroethane	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Nitrobenzene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Isophorone	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Naphthalene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Caprolactam	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	3100		ug/kg	3100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Acenaphthene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Dibenzofuran	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Diethylphthalate	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Fluorene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Atrazine	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Phenanthrene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Anthracene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Carbazole	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Fluoranthene	Target	540		ug/kg	540		1.0	Yes	S3VEM
Pyrene	Target	430	J	ug/kg	430	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	330	J	ug/kg	330	J	1.0	Yes	S3VEM
Chrysene	Target	290	J	ug/kg	290	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	970	U	ug/kg	970	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	400	J	ug/kg	400	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	310	J	ug/kg	310	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	160	J	ug/kg	160	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	500	U	ug/kg	500	U	1.0	Yes	S3VEM
unknown-01	TIC	340	J	ug/kg	340	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	5800	J	ug/kg	5800	J	1.0	Yes	NV
Total Alkanes	TIC	200		ug/kg	200		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A1	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	34.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Vinyl chloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromomethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Acetone	Target	100		ug/kg	100		1.0	Yes	S3VEM
Carbon disulfide	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methyl Acetate	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methylene chloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
2-Butanone	Target	31	J	ug/kg	31	J	1.0	Yes	S3VEM
Bromochloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chloroform	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Cyclohexane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Benzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Trichloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	47	U	ug/kg	47	U	1.0	Yes	S3VEM
Toluene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
2-Hexanone	Target	47	U	ug/kg	47	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Chlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Ethylbenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
o-xylene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
m,p-Xylene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Styrene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromoform	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A2	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:15:00
% Moisture :				% Solids :	23.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Chloromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Vinyl chloride	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Bromomethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Chloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Acetone	Target	190	J	ug/kg	190		1.0	Yes	S3VEM
Carbon disulfide	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Methyl Acetate	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Methylene chloride	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
2-Butanone	Target	66	J	ug/kg	66	J	1.0	Yes	S3VEM
Bromochloromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Chloroform	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Cyclohexane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Benzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Trichloroethene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	71	UJ	ug/kg	71	U	1.0	Yes	S3VEM
Toluene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
2-Hexanone	Target	71	UJ	ug/kg	71	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Chlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Ethylbenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
o-xylene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
m,p-Xylene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Styrene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Bromoform	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	36	UJ	ug/kg	36	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A2	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:	6.41	Sample Date:	11/12/2015	Sample Time:	14:15:00
% Moisture :				% Solids :	23.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	290	UJ	ug/kg	290	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Phenol	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Acetophenone	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Hexachloroethane	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Nitrobenzene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Isophorone	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Naphthalene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Caprolactam	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	3000	J	ug/kg	3000		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Acenaphthene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Dibenzofuran	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Diethylphthalate	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Fluorene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Atrazine	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Phenanthrene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Anthracene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Carbazole	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Fluoranthene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Pyrene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Chrysene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1400	UJ	ug/kg	1400	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	730	UJ	ug/kg	730	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	5100	UJ	ug/kg	5100	J	1.0	Yes	NV
Total Alkanes	TIC		UJ	ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A3	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:35:00
% Moisture :				% Solids :	44.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Vinyl chloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromomethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Acetone	Target	120		ug/kg	120		1.0	Yes	S3VEM
Carbon disulfide	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methyl Acetate	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methylene chloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
2-Butanone	Target	38		ug/kg	38		1.0	Yes	S3VEM
Bromochloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloroform	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Cyclohexane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Benzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Trichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	34	U	ug/kg	34	U	1.0	Yes	S3VEM
Toluene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
2-Hexanone	Target	34	U	ug/kg	34	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Ethylbenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
o-xylene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
m,p-Xylene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Styrene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromoform	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No:	45717	Contract:	EPW14030	SDG No:	BC794	Lab Code:	CHM

Sample Number:	BC7A3	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:	6.78	Sample Date:	11/12/2015	Sample Time:	14:35:00
% Moisture :				% Solids :	44.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	150	U	ug/kg	150	U	1.0	Yes	S3VEM
Benzaldehyde	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Phenol	Target	140	J	ug/kg	140	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Methylphenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Acetophenone	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
4-Methylphenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachloroethane	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Nitrobenzene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Isophorone	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Naphthalene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Caprolactam	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	2100		ug/kg	2100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Acenaphthene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Dibenzofuran	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Diethylphthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Fluorene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Atrazine	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Phenanthrene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Anthracene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Carbazole	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Fluoranthene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Pyrene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Chrysene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	740	U	ug/kg	740	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexanoic acid, 2-ethyl-	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	4200	J	ug/kg	4200	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A4	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:	6.60	Sample Date:	11/12/2015	Sample Time:	14:25:00
% Moisture :				% Solids :	29.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	220	UJ	ug/kg	220	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Phenol	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Acetophenone	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Hexachloroethane	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Nitrobenzene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Isophorone	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Naphthalene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Caprolactam	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	2400	J	ug/kg	2400		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Acenaphthene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Dibenzofuran	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Diethylphthalate	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Fluorene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Atrazine	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Phenanthrene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Anthracene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Carbazole	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Fluoranthene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Pyrene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Chrysene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1100	UJ	ug/kg	1100	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	570	UJ	ug/kg	570	U	1.0	Yes	S3VEM
Total Alkanes	TIC		UJ	ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	5200	UJ	ug/kg	5200	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A4	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:25:00
% Moisture :				% Solids :	29.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Chloromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Vinyl chloride	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Bromomethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Chloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Acetone	Target	160	J	ug/kg	160		1.0	Yes	S3VEM
Carbon disulfide	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Methyl Acetate	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Methylene chloride	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
2-Butanone	Target	56	J	ug/kg	56		1.0	Yes	S3VEM
Bromochloromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Chloroform	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Cyclohexane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Benzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Trichloroethene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	49	UJ	ug/kg	49	U	1.0	Yes	S3VEM
Toluene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
2-Hexanone	Target	49	UJ	ug/kg	49	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Chlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Ethylbenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
o-xylene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
m,p-Xylene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Styrene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Bromoform	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	24	UJ	ug/kg	24	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A5	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:00:00
% Moisture :				% Solids :	77.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Acetone	Target	33		ug/kg	33		1.0	Yes	S3VEM
Carbon disulfide	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Butanone	Target	11	J	ug/kg	11	J	1.0	Yes	S3VEM
Bromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Benzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
o-xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Styrene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromoform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: BC7A5	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED11	pH: 6.75	Sample Date: 11/12/2015	Sample Time: 15:00:00
% Moisture :		% Solids : 77.6	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	86	UJ	ug/kg	86	U	1.0	Yes	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Phenol	Target	48	J	ug/kg	48	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	620		ug/kg	620		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Phenanthrene	Target	46	J	ug/kg	46	J	1.0	Yes	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Carbazole	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluoranthene	Target	200	J	ug/kg	200	J	1.0	Yes	S3VEM
Pyrene	Target	150	J	ug/kg	150	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
Chrysene	Target	92	J	ug/kg	92	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	84	J	ug/kg	84	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	45	J	ug/kg	45	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Squalene	TIC	170	J	ug/kg	170	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	11000	J	ug/kg	11000	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: BC7A6	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: 0269-SED11	pH:	Sample Date: 11/12/2015	Sample Time: 15:20:00
% Moisture :		% Solids : 89.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Chloromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Bromomethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Chloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	13		1.0	Yes	S3VEM
Carbon disulfide	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Chloroform	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Benzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Toluene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
o-xylene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Styrene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Bromoform	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.6	U	ug/kg	5.6	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A6	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:	6.88	Sample Date:	11/12/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	89.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	Yes	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Phenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	580		ug/kg	580		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Phenanthrene	Target	44	J	ug/kg	44	J	1.0	Yes	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Carbazole	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluoranthene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
Pyrene	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	91	J	ug/kg	91	J	1.0	Yes	S3VEM
Chrysene	Target	83	J	ug/kg	83	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	76	J	ug/kg	76	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	69	J	ug/kg	69	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	1400	J	ug/kg	1400	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A8	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	77		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.1	UJ	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Acetone	Target	23		ug/kg	23		1.0	Yes	S3VEM
Carbon disulfide	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.1	UJ	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.1	UJ	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Butanone	Target	10	J	ug/kg	10	J	1.0	Yes	S3VEM
Bromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Benzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
o-xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Styrene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromoform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A8	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:	7.09	Sample Date:	11/12/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	77		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	87	UJ	ug/kg	87	U	1.0	Yes	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Phenol	Target	47	J	ug/kg	47	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	460		ug/kg	460		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Phenanthrene	Target	290		ug/kg	290		1.0	Yes	S3VEM
Anthracene	Target	61	J	ug/kg	61	J	1.0	Yes	S3VEM
Carbazole	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluoranthene	Target	630		ug/kg	630		1.0	Yes	S3VEM
Pyrene	Target	470		ug/kg	470		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	250		ug/kg	250		1.0	Yes	S3VEM
Chrysene	Target	270		ug/kg	270		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	290		ug/kg	290		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	210	J	ug/kg	210	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	12000	J	ug/kg	12000	J	1.0	Yes	NV
Phenol, 4-(1,1-dimethylpropyl)-	TIC	180	J	ug/kg	180	J	1.0	Yes	NV
Acetamide, N-(3-methylphenyl)-	TIC	240	J	ug/kg	240	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
unknown-01	TIC	100	J	ug/kg	100	J	1.0	Yes	NV
4H-Cyclopenta[def]phenanthrene	TIC	87	J	ug/kg	87	J	1.0	Yes	NV
Phenol, p-tert-butyl-	TIC	190	J	ug/kg	190	J	1.0	Yes	NV
5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-DI	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
2-Methyl-2-(4-hydroxyphenyl)penta	TIC	160	J	ug/kg	160	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A9	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:	7.02	Sample Date:	11/12/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	72.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	92	UJ	ug/kg	92	U	1.0	Yes	S3VEM
Benzaldehyde	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Phenol	Target	65	J	ug/kg	65	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Acetophenone	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachloroethane	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Nitrobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Isophorone	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Naphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Caprolactam	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	530		ug/kg	530		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Acenaphthene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Dibenzofuran	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Diethylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Fluorene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Atrazine	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Phenanthrene	Target	160	J	ug/kg	160	J	1.0	Yes	S3VEM
Anthracene	Target	51	J	ug/kg	51	J	1.0	Yes	S3VEM
Carbazole	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Fluoranthene	Target	280		ug/kg	280		1.0	Yes	S3VEM
Pyrene	Target	220	J	ug/kg	220	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
Chrysene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	450	U	ug/kg	450	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	47	J	ug/kg	47	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	97	J	ug/kg	97	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	53	J	ug/kg	53	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	54	J	ug/kg	54	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	230	U	ug/kg	230	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
unknown-01	TIC	170	J	ug/kg	170	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	14000	J	ug/kg	14000	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7A9	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	72.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Chloromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Bromomethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Chloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Acetone	Target	110		ug/kg	110		1.0	Yes	S3VEM
Carbon disulfide	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
2-Butanone	Target	40		ug/kg	40		1.0	Yes	S3VEM
Bromochloromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Chloroform	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Benzene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	16	U	ug/kg	16	U	1.0	Yes	S3VEM
Toluene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	16	U	ug/kg	16	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
o-xylene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Styrene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
Bromoform	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.0	U	ug/kg	8.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	8.0	UJ	ug/kg	8.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7B0	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	61.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Chloromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Bromomethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Chloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Acetone	Target	41		ug/kg	41		1.0	Yes	S3VEM
Carbon disulfide	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
2-Butanone	Target	13	J	ug/kg	13	J	1.0	Yes	S3VEM
Bromochloromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Chloroform	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Benzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	18	U	ug/kg	18	U	1.0	Yes	S3VEM
Toluene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	18	U	ug/kg	18	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
o-xylene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Styrene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Bromoform	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	9.0	U	ug/kg	9.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7B0	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:	7.06	Sample Date:	11/12/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	61.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	110	UJ	ug/kg	110	U	1.0	Yes	S3VEM
Benzaldehyde	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Phenol	Target	56	J	ug/kg	56	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2-Methylphenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Acetophenone	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
4-Methylphenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Hexachloroethane	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Nitrobenzene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Isophorone	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Naphthalene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
4-Chloroaniline	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Caprolactam	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	590		ug/kg	590		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Acenaphthene	Target	170	J	ug/kg	170	J	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Dibenzofuran	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Diethylphthalate	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Fluorene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Atrazine	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Phenanthrene	Target	3200		ug/kg	3200		1.0	Yes	S3VEM
Anthracene	Target	700		ug/kg	700		1.0	Yes	S3VEM
Carbazole	Target	320	J	ug/kg	320	J	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
Fluoranthene	Target	3900		ug/kg	3900		1.0	Yes	S3VEM
Pyrene	Target	3000		ug/kg	3000		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	10000		ug/kg	10000	D	5.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	1700		ug/kg	1700		1.0	Yes	S3VEM
Chrysene	Target	1600		ug/kg	1600		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	290		ug/kg	290		1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	540	U	ug/kg	540	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	1900		ug/kg	1900		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	570		ug/kg	570		1.0	Yes	S3VEM
Benzo(a)pyrene	Target	1300		ug/kg	1300		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	800		ug/kg	800		1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	260	J	ug/kg	260	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	870		ug/kg	870		1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	280	U	ug/kg	280	U	1.0	Yes	S3VEM
1,2:7,8-Dibenzophenanthrene	TIC	240	J	ug/kg	240	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	13000	J	ug/kg	13000	J	1.0	Yes	NV
Phenanthrene, 4,5-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
Benzo[b]naphtho[2,3-d]thiophene	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Cyclopenta(def)phenanthrenone	TIC	310	J	ug/kg	310	J	1.0	Yes	NV
Anthracene, 1-methyl-	TIC	360	J	ug/kg	360	J	1.0	Yes	NV
9H-Fluoren-9-one	TIC	360	J	ug/kg	360	J	1.0	Yes	NV
Benzenamine, 5-fluoro-2-(4-fluorop	TIC	250	J	ug/kg	250	J	1.0	Yes	NV
Dibenzothiophene	TIC	190	J	ug/kg	190	J	1.0	Yes	NV
4-Azapyrene	TIC	120	J	ug/kg	120	J	1.0	Yes	NV
11H-Benzo[a]fluoren-11-one	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
unknown-02	TIC	350	J	ug/kg	350	J	1.0	Yes	NV
Phenanthrene, 1-methyl-	TIC	460	J	ug/kg	460	J	1.0	Yes	NV
9,10-Anthracenedione	TIC	240	J	ug/kg	240	J	1.0	Yes	NV
Phenanthrene, 3,6-dimethyl-	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
Benzaldehyde, 3,5-dichloro-2-hydro	TIC	480	J	ug/kg	480	J	1.0	Yes	NV
5,16[1,2]:8,13[1,2]-Dibenzen	TIC	300	J	ug/kg	300	J	1.0	Yes	NV
Pyrene, 1-methyl-	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
Phenanthrene, 2-methyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
1H-Indene, 2,3-dihydro-1,1,3-trime	TIC	540	J	ug/kg	540	J	1.0	Yes	NV
unknown-01	TIC	110	J	ug/kg	110	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7C9	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:	7.36	Sample Date:	11/12/2015	Sample Time:	15:30:00
% Moisture :				% Solids :	82.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	81	U	ug/kg	81	U	1.0	Yes	S3VEM
Benzaldehyde	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenol	Target	66	J	ug/kg	66	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acetophenone	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	200	J	ug/kg	200	J	1.0	Yes	S3VEM
4-Chloroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	550		ug/kg	550		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	100	J	ug/kg	100	J	1.0	Yes	S3VEM
3-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acenaphthene	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dibenzofuran	Target	44	J	ug/kg	44	J	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenanthrene	Target	890		ug/kg	890		1.0	Yes	S3VEM
Anthracene	Target	320		ug/kg	320		1.0	Yes	S3VEM
Carbazole	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	2900		ug/kg	2900		1.0	Yes	S3VEM
Pyrene	Target	2200		ug/kg	2200		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	1400		ug/kg	1400		1.0	Yes	S3VEM
Chrysene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	1300		ug/kg	1300		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	450		ug/kg	450		1.0	Yes	S3VEM
Benzo(a)pyrene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	560		ug/kg	560		1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	510		ug/kg	510		1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Pyrene, 1-methyl-	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
Benzo[b]triphenylene	TIC	120	J	ug/kg	120	J	1.0	Yes	NV
2-Phenylnaphthalene	TIC	300	J	ug/kg	300	J	1.0	Yes	NV
9H-Fluorene, 9,9-dimethyl-	TIC	83	J	ug/kg	83	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	11000	J	ug/kg	11000	J	1.0	Yes	NV
Dibenzofuran, 4-methyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
unknown-01	TIC	87	J	ug/kg	87	J	1.0	Yes	NV
2,5-Cyclohexadiene-1,4-dione, 2-(p	TIC	97	J	ug/kg	97	J	1.0	Yes	NV
Benzo[j]fluoranthene	TIC	340	J	ug/kg	340	J	1.0	Yes	NV
2,2-Dimethyl-1-acenaphthenone	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
8-Dimethylaminonaphthalene-1-carbo	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Phenanthrene, 1-methyl-	TIC	320	J	ug/kg	320	J	1.0	Yes	NV
9H-Fluorene, 1-methyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
Dibenzothiophene	TIC	150	J	ug/kg	150	J	1.0	Yes	NV
1,1-Biphenyl, 3,3,4,4-tetrameth	TIC	93	J	ug/kg	93	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Benzo[e]pyrene	TIC	320	J	ug/kg	320	J	1.0	Yes	NV
Triphenylene, 2-methyl-	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
Anthracene, 1,4-dimethyl-	TIC	260	J	ug/kg	260	J	1.0	Yes	NV
4H-Cyclopenta[def]phenanthrene	TIC	660	J	ug/kg	660	J	1.0	Yes	NV
1H-Cyclopropa[l]phenanthrene,1a,	TIC	300	J	ug/kg	300	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: BC7C9	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: 0269-SED19	pH:	Sample Date: 11/12/2015	Sample Time: 15:30:00
% Moisture :		% Solids : 82.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Chloromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Bromomethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Chloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Acetone	Target	14		ug/kg	14		1.0	Yes	S3VEM
Carbon disulfide	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
2-Butanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Bromochloromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Chloroform	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Benzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
o-xylene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Styrene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Bromoform	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.2	U	ug/kg	7.2	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7D0	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:	7.27	Sample Date:	11/12/2015	Sample Time:	15:50:00
% Moisture :				% Solids :	80.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	83	UJ	ug/kg	83	U	1.0	Yes	S3VEM
Benzaldehyde	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acetophenone	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	160	J	ug/kg	160	J	1.0	Yes	S3VEM
4-Chloroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	470		ug/kg	470		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	82	J	ug/kg	82	J	1.0	Yes	S3VEM
3-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acenaphthene	Target	290		ug/kg	290		1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Dibenzofuran	Target	74	J	ug/kg	74	J	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	220		ug/kg	220		1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenanthrene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Anthracene	Target	500		ug/kg	500		1.0	Yes	S3VEM
Carbazole	Target	48	J	ug/kg	48	J	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	2100		ug/kg	2100		1.0	Yes	S3VEM
Pyrene	Target	1500		ug/kg	1500		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	1000		ug/kg	1000		1.0	Yes	S3VEM
Chrysene	Target	820		ug/kg	820		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	850		ug/kg	850		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	420		ug/kg	420		1.0	Yes	S3VEM
Benzo(a)pyrene	Target	700		ug/kg	700		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	350		ug/kg	350		1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	130	J	ug/kg	130	J	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	240		ug/kg	240		1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
9,10-Dimethylanthracene	TIC	210	J	ug/kg	210	J	1.0	Yes	NV
Naphthalene, 2-phenyl-	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
Pyrene, 1-methyl-	TIC	100	J	ug/kg	100	J	1.0	Yes	NV
unknown-02	TIC	100	J	ug/kg	100	J	1.0	Yes	NV
Dibenzothiophene	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
9H-Fluoren-9-ol	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
Phenanthrene, 2-methyl-	TIC	290	J	ug/kg	290	J	1.0	Yes	NV
unknown-01	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
Dibenzofuran, 4-methyl-	TIC	180	J	ug/kg	180	J	1.0	Yes	NV
4H-Cyclopenta[def]phenanthrene	TIC	560	J	ug/kg	560	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	8900	J	ug/kg	8900	J	1.0	Yes	NV
8-Dimethylaminonaphthalene-1-carbo	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
11H-Benzo[b]fluorene	TIC	230	J	ug/kg	230	J	1.0	Yes	NV
Anthracene, 2-methyl-	TIC	240	J	ug/kg	240	J	1.0	Yes	NV
9H-Fluorene, 3-methyl-	TIC	140	J	ug/kg	140	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7D0	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:		Sample Date:	11/12/2015	Sample Time:	15:50:00
% Moisture :				% Solids :	80.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromomethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Acetone	Target	32		ug/kg	32		1.0	Yes	S3VEM
Carbon disulfide	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
2-Butanone	Target	9.4	J	ug/kg	9.4	J	1.0	Yes	S3VEM
Bromochloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chloroform	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Benzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Toluene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
o-xylene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Styrene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Bromoform	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.0	U	ug/kg	6.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
4-Methylthiomorpholine-1,1-dioxide	TIC	6.5	J	ug/kg	6.5	J	1.0	Yes	NV
Indane	TIC	12	J	ug/kg	12	J	1.0	Yes	NV
Decane, 4-methyl-	TIC	7.0	J	ug/kg	7.0	J	1.0	Yes	NV
Naphthalene, decahydro-2-methyl-	TIC	7.2	J	ug/kg	7.2	J	1.0	Yes	NV
Cyclohexane, 1,2-dimethyl-, trans-	TIC	12	J	ug/kg	12	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7D1	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:	7.34	Sample Date:	11/12/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	86		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	78	U	ug/kg	78	U	1.0	Yes	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenol	Target	67	J	ug/kg	67	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Naphthalene	Target	390		ug/kg	390		1.0	Yes	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	67	J	ug/kg	67	J	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	550		ug/kg	550		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	230		ug/kg	230		1.0	Yes	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acenaphthene	Target	600		ug/kg	600		1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dibenzofuran	Target	240		ug/kg	240		1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluorene	Target	560		ug/kg	560		1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenanthrene	Target	3600		ug/kg	3600	D	2.0	Yes	S3VEM
Anthracene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Carbazole	Target	79	J	ug/kg	79	J	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluoranthene	Target	5100		ug/kg	5100		1.0	Yes	S3VEM
Pyrene	Target	4500		ug/kg	4500	D	2.0	Yes	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	2700		ug/kg	2700		1.0	Yes	S3VEM
Chrysene	Target	2200		ug/kg	2200		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	2300		ug/kg	2300		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Benzo(a)pyrene	Target	2100		ug/kg	2100		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	340		ug/kg	340		1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	1000		ug/kg	1000		1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
9H-Fluorene, 2-methyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
Phenol, 4-(2-phenylethenyl)-, (E)-	TIC	290	J	ug/kg	290	J	1.0	Yes	NV
9H-Fluoren-9-ol	TIC	470	J	ug/kg	470	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Phenanthrene, 3,6-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
Dibenzothiophene	TIC	400	J	ug/kg	400	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	8800	J	ug/kg	8800	J	1.0	Yes	NV
9-Acridinamine, 1,2,3,4-tetrahydro	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Naphthalene, 1,4,5-trimethyl-	TIC	190	J	ug/kg	190	J	1.0	Yes	NV
Naphthalene, 1-phenyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
Phenol, 3-(2-phenylethenyl)-, (E)-	TIC	270	J	ug/kg	270	J	1.0	Yes	NV
9H-Fluorene, 9-methyl-	TIC	170	J	ug/kg	170	J	1.0	Yes	NV
Azulene, 7-ethyl-1,4-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
9H-Fluorene, 3-methyl-	TIC	370	J	ug/kg	370	J	1.0	Yes	NV
unknown-01	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
7-Isopropenyl-1,4a-dimethyl-4,4a,5	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Phenanthrene, 1-methyl-	TIC	620	J	ug/kg	620	J	1.0	Yes	NV
4H-Cyclopenta[def]phenanthrene	TIC	1500	J	ug/kg	1500	J	1.0	Yes	NV
Phenanthrene, 2,5-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
Phenanthrene, 2-methyl-	TIC	740	J	ug/kg	740	J	1.0	Yes	NV
1-Methylnaphthalene	TIC	39	J	ug/kg	39	J	1.0	Yes	NV
Dibenzofuran, 4-methyl-	TIC	530	J	ug/kg	530	J	1.0	Yes	NV
2-Phenylnaphthalene	TIC	570	J	ug/kg	570	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7D1	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:		Sample Date:	11/12/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	86		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromomethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Acetone	Target	12	U	ug/kg	17		1.0	Yes	S3VEM
Carbon disulfide	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Benzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Toluene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
o-xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Styrene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromoform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: BC7H9	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED07	pH: 6.57	Sample Date: 11/12/2015	Sample Time: 11:05:00
% Moisture :		% Solids : 81	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	82	U	ug/kg	82	U	1.0	Yes	S3VEM
Benzaldehyde	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenol	Target	78	J	ug/kg	78	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acetophenone	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	760		ug/kg	760		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Acenaphthene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Dibenzofuran	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Phenanthrene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Carbazole	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	150	J	ug/kg	150	J	1.0	Yes	S3VEM
Pyrene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	87	J	ug/kg	87	J	1.0	Yes	S3VEM
Chrysene	Target	69	J	ug/kg	69	J	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	410	U	ug/kg	410	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	81	J	ug/kg	81	J	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	71	J	ug/kg	71	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Total Alkanes	TIC	87		ug/kg	87		1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3000	J	ug/kg	3000	J	1.0	Yes	NV
Decane, 1-iodo-	TIC	85	J	ug/kg	85	J	1.0	Yes	NV
Heptanoic acid, 2-ethyl-	TIC	87	J	ug/kg	87	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number:	BC7H9	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:05:00
% Moisture :				% Solids :	81		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromomethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.8	UJ	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Acetone	Target	12		ug/kg	12		1.0	Yes	S3VEM
Carbon disulfide	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.8	UJ	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.8	UJ	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Benzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Toluene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
o-xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Styrene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromoform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: SBLK57	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	67	U	ug/kg	67	U	1.0	Yes	S3VEM
Benzaldehyde	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Phenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Acetophenone	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachloroethane	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Nitrobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Isophorone	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Naphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Caprolactam	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Acenaphthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Dibenzofuran	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Diethylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Fluorene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Atrazine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Phenanthrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Carbazole	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Chrysene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	650	J	ug/kg	650	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: VBLK78	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: VBLK80	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: VBLK81	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC794	Lab Code: CHM

Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC794	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	7.7	U	UJ	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	67-64-1	Acetone	15	J	U	15	15	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.7	U	UJ	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.7	U	UJ	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	15	U	U	15	15	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	67-66-3	Chloroform	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	71-43-2	Benzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	15	U	U	15	15	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-88-3	Toluene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	15	U	U	15	15	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-47-6	o-xylene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	100-42-5	Styrene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	75-25-2	Bromoform	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.7	U	U	7.7	7.7	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED07-12-24
BC795	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	6.0	U	UJ	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	67-64-1	Acetone	12		U	12	12	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	6.0	U	UJ	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	6.0	U	UJ	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	12	U	U	12	12	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	67-66-3	Chloroform	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	71-43-2	Benzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC795	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	12	U	U	12	12	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	108-88-3	Toluene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	12	U	U	12	12	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-47-6	o-xylene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	100-42-5	Styrene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	75-25-2	Bromoform	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED07-6-12
BC796	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	67-64-1	Acetone	100			47	47	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	30	J	J	47	47	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	67-66-3	Chloroform	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	71-43-2	Benzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	47	U	U	47	47	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-88-3	Toluene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	47	U	U	47	47	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-47-6	o-xylene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	100-42-5	Styrene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	75-25-2	Bromoform	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	24	U	U	24	24	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-0-6
BC797	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC797	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	67-64-1	Acetone	120			42	42	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	41	J	J	42	42	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	67-66-3	Chloroform	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	71-43-2	Benzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	42	U	U	42	42	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-88-3	Toluene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	42	U	U	42	42	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-47-6	o-xylene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	100-42-5	Styrene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	75-25-2	Bromoform	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	21	U	U	21	21	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-12-24
BC798	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	67-64-1	Acetone	130			38	38	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	36	J	J	38	38	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	67-66-3	Chloroform	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	71-43-2	Benzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	38	U	U	38	38	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-88-3	Toluene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	38	U	U	38	38	ug/kg	0269-SED08-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC798	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-47-6	o-xylene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	100-42-5	Styrene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	75-25-2	Bromoform	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	19	U	U	19	19	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-6-12
BC799	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	67-64-1	Acetone	45		U	45	45	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	45	U	U	45	45	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	67-66-3	Chloroform	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	71-43-2	Benzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	45	U	U	45	45	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-88-3	Toluene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	45	U	U	45	45	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-47-6	o-xylene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	100-42-5	Styrene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	75-25-2	Bromoform	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED09-0-6
BC7A0	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	67-64-1	Acetone	100			38	38	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	19	U	U	19	19	ug/kg	0269-SED09-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A0	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	31	J	J	38	38	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	67-66-3	Chloroform	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	71-43-2	Benzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	38	U	U	38	38	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-88-3	Toluene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	38	U	U	38	38	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-47-6	o-xylene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	100-42-5	Styrene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	75-25-2	Bromoform	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	19	U	U	19	19	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED09-12-24
BC7A1	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	67-64-1	Acetone	100			47	47	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	31	J	J	47	47	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	67-66-3	Chloroform	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	71-43-2	Benzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	47	U	U	47	47	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-88-3	Toluene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	47	U	U	47	47	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-47-6	o-xylene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	23	U	U	23	23	ug/kg	0269-SED09-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A1	Sediment	11/12/2015	1.0	100-42-5	Styrene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	75-25-2	Bromoform	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	23	U	U	23	23	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED09-6-12
BC7A2	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	67-64-1	Acetone	190		J	71	71	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	66	J	J	71	71	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	67-66-3	Chloroform	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	71-43-2	Benzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	71	U	UJ	71	71	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-88-3	Toluene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	71	U	UJ	71	71	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-47-6	o-xylene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	100-42-5	Styrene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	75-25-2	Bromoform	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	36	U	UJ	36	36	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED10-0-6
BC7A3	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	67-64-1	Acetone	120			34	34	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	38			34	34	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A3	Sediment	11/12/2015	1.0	67-66-3	Chloroform	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	71-43-2	Benzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	34	U	U	34	34	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-88-3	Toluene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	34	U	U	34	34	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-47-6	o-xylene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	100-42-5	Styrene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	75-25-2	Bromoform	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	17	U	U	17	17	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED10-12-24
BC7A4	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	67-64-1	Acetone	160		J	49	49	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	56		J	49	49	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	67-66-3	Chloroform	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	71-43-2	Benzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	49	U	UJ	49	49	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-88-3	Toluene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	49	U	UJ	49	49	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	95-47-6	o-xylene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	100-42-5	Styrene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	75-25-2	Bromoform	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A4	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	24	U	UJ	24	24	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED10-6-12
BC7A5	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	67-64-1	Acetone	33			14	14	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	11	J	J	14	14	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	67-66-3	Chloroform	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	71-43-2	Benzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-88-3	Toluene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-47-6	o-xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	100-42-5	Styrene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	75-25-2	Bromoform	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-0-6
BC7A6	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	67-64-1	Acetone	11		U	11	11	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	11	U	U	11	11	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	67-66-3	Chloroform	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	71-43-2	Benzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A6	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	11	U	U	11	11	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-88-3	Toluene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	11	U	U	11	11	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-47-6	o-xylene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	100-42-5	Styrene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	75-25-2	Bromoform	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.6	U	U	5.6	5.6	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-12-24
BC7A8	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	7.1	U	UJ	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	67-64-1	Acetone	23			14	14	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.1	U	UJ	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.1	U	UJ	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	10	J	J	14	14	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	67-66-3	Chloroform	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	71-43-2	Benzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	108-88-3	Toluene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-47-6	o-xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	100-42-5	Styrene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	75-25-2	Bromoform	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-0-6
BC7A9	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A9	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	67-64-1	Acetone	110			16	16	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	40			16	16	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	67-66-3	Chloroform	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	71-43-2	Benzene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	16	U	U	16	16	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-88-3	Toluene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	16	U	U	16	16	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-47-6	o-xylene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	100-42-5	Styrene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	75-25-2	Bromoform	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	8.0	U	U	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	8.0	U	UJ	8.0	8	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-12-24
BC7B0	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	67-64-1	Acetone	41			18	18	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	13	J	J	18	18	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	67-66-3	Chloroform	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	71-43-2	Benzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	18	U	U	18	18	ug/kg	0269-SED12-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B0	Sediment	11/12/2015	1.0	108-88-3	Toluene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	18	U	U	18	18	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-47-6	o-xylene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	100-42-5	Styrene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	75-25-2	Bromoform	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	9.0	U	U	9.0	9	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-6-12
BC7C9	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	67-64-1	Acetone	14			14	14	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	14	U	U	14	14	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	67-66-3	Chloroform	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	71-43-2	Benzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-88-3	Toluene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-47-6	o-xylene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	100-42-5	Styrene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	75-25-2	Bromoform	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.2	U	U	7.2	7.2	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-0-6
BC7D0	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7D0	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	67-64-1	Acetone	32			12	12	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	9.4	J	J	12	12	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	67-66-3	Chloroform	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	71-43-2	Benzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	12	U	U	12	12	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-88-3	Toluene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	12	U	U	12	12	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-47-6	o-xylene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	100-42-5	Styrene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	75-25-2	Bromoform	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	6.0	U	U	6.0	6	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	025343-91-3	4-Methylthiomorpholine-1,1-dioxide	6.5	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	002847-72-5	Decane, 4-methyl-	7.0	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	002958-76-1	Naphthalene, decahydro-2-methyl-	7.2	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000496-11-7	Indane	12	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	12	J	J			ug/kg	0269-SED19-12-24
BC7D1	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	67-64-1	Acetone	12		U	12	12	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	12	U	U	12	12	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	67-66-3	Chloroform	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	71-43-2	Benzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	12	U	U	12	12	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-88-3	Toluene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7D1	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	12	U	U	12	12	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-47-6	o-xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	100-42-5	Styrene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	75-25-2	Bromoform	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-6-12
BC7H9	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	5.8	U	UJ	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	67-64-1	Acetone	12			12	12	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.8	U	UJ	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.8	U	UJ	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	12	U	U	12	12	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	67-66-3	Chloroform	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	71-43-2	Benzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	12	U	U	12	12	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-88-3	Toluene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	12	U	U	12	12	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-47-6	o-xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	100-42-5	Styrene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	75-25-2	Bromoform	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED22-6-12
VBLK78			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VBLK78			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK78			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK78			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK78			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK78			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK78			1.0	E966796	Total Alkanes						ug/kg	
VBLK80			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK80			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK80			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK80			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK80			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VBLK80			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK80			1.0	E966796	Total Alkanes						ug/kg	
VBLK81			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK81			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	E966796	Total Alkanes						ug/kg	
VHBLK01			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VHBLK01			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	E966796	Total Alkanes						ug/kg	
BC794	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	92	U	U	92	92	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-95-2	Phenol	130	J	J	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	78-59-1	Isophorone	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	1400			230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	86-73-7	Fluorene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	450	U	U	450	450	ug/kg	0269-SED07-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC794	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	120-12-7	Anthracene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	86-74-8	Carbazole	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	129-00-0	Pyrene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	218-01-9	Chrysene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	450	U	U	450	450	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	230	U	U	230	230	ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	000149-57-5	Hexanoic acid, 2-ethyl-	110	J	J			ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	000502-62-5	.psi.,.psi.-Carotene, 7,7,8,8,11	110	J	J			ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3100	J	J			ug/kg	0269-SED07-12-24
BC794	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED07-12-24
BC795	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	83	U	U	83	83	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	108-95-2	Phenol	83	J	J	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	1100			210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	86-73-7	Fluorene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	53	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	120-12-7	Anthracene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	86-74-8	Carbazole	410	U	U	410	410	ug/kg	0269-SED07-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC795	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	250			210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	129-00-0	Pyrene	200	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	180	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	218-01-9	Chrysene	140	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	410	U	U	410	410	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	170	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	64	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	150	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	73	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	72	J	J	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	000149-57-5	Hexanoic acid, 2-ethyl-	140	J	J			ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J	J			ug/kg	0269-SED07-6-12
BC795	Sediment	11/12/2015	1.0	E966796	Total Alkanes	490					ug/kg	0269-SED07-6-12
BC796	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	210	U	U	210	210	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-95-2	Phenol	290	J	J	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	78-59-1	Isophorone	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	2600			530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	86-73-7	Fluorene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	120-12-7	Anthracene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	86-74-8	Carbazole	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	340	J	J	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	129-00-0	Pyrene	260	J	J	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	180	J	J	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	218-01-9	Chrysene	170	J	J	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	1000	U	U	1000	1000	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	170	J	J	530	530	ug/kg	0269-SED08-0-6

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC796	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	150	J	J	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	530	U	U	530	530	ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	unknown-01	unknown-01	270	J	J			ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	8600	J	J			ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	unknown-02	unknown-02	300	J	J			ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	065596-31-8	Pentanoic acid, 3-hydroxy-4-methyl	620	J	J			ug/kg	0269-SED08-0-6
BC796	Sediment	11/12/2015	1.0	001487-49-6	Butanoic acid, 3-hydroxy-, methyl	270	J	J			ug/kg	0269-SED08-0-6
BC797	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	170	U	U	170	170	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-95-2	Phenol	140	J	J	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	78-59-1	Isophorone	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	1900			440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	86-73-7	Fluorene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	120-12-7	Anthracene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	86-74-8	Carbazole	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	129-00-0	Pyrene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	218-01-9	Chrysene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	850	U	U	850	850	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	440	U	U	440	440	ug/kg	0269-SED08-12-24
BC797	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC797	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	5000	J	J			ug/kg	0269-SED08-12-24
BC798	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	180	U	U	180	180	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-95-2	Phenol	210	J	J	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	78-59-1	Isophorone	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	2200			460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	86-73-7	Fluorene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	120-12-7	Anthracene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	86-74-8	Carbazole	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	210	J	J	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	129-00-0	Pyrene	160	J	J	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	100	J	J	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	218-01-9	Chrysene	98	J	J	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	890	U	U	890	890	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	99	J	J	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	460	U	U	460	460	ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	000149-57-5	Hexanoic acid, 2-ethyl-	390	J	J			ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	1000282-98-2	Dichloroacetic acid, heptadecyl es	280	J	J			ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	6500	J	J			ug/kg	0269-SED08-6-12
BC798	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED08-6-12
BC799	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	190	U	U	190	190	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-95-2	Phenol	190	J	J	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	940	U	U	940	940	ug/kg	0269-SED09-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC799	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	78-59-1	Isophorone	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	2700			490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	86-73-7	Fluorene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	120-12-7	Anthracene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	86-74-8	Carbazole	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	200	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	129-00-0	Pyrene	160	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	120	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	218-01-9	Chrysene	120	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	940	U	U	940	940	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	130	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	110	J	J	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	490	U	U	490	490	ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	001487-49-6	Butanoic acid, 3-hydroxy-, methyl	400	J	J			ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	E966796	Total Alkanes	880					ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3500	J	J			ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	003658-44-4	Dodecanoic acid, undecyl ester	330	J	J			ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	unknown-02	unknown-02	340	J	J			ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	056009-31-5	Pentanoic acid, 3-hydroxy-, methyl	950	J	J			ug/kg	0269-SED09-0-6
BC799	Sediment	11/12/2015	1.0	unknown-01	unknown-01	280	J	J			ug/kg	0269-SED09-0-6
BC7A0	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	180	U	U	180	180	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-95-2	Phenol	150	J	J	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	78-59-1	Isophorone	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A0	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	3100			460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	86-73-7	Fluorene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	120-12-7	Anthracene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	86-74-8	Carbazole	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	129-00-0	Pyrene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	218-01-9	Chrysene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	890	U	U	890	890	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	460	U	U	460	460	ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	000149-57-5	Hexanoic acid, 2-ethyl-	380	J	J			ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	5100	J	J			ug/kg	0269-SED09-12-24
BC7A0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED09-12-24
BC7A1	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	200	U	U	200	200	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-95-2	Phenol	200	J	J	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	78-59-1	Isophorone	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	970	U	U	970	970	ug/kg	0269-SED09-6-12

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A1	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	3100			500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	86-73-7	Fluorene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	110	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	120-12-7	Anthracene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	86-74-8	Carbazole	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	540			500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	129-00-0	Pyrene	430	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	330	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	218-01-9	Chrysene	290	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	970	U	U	970	970	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	400	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	130	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	310	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	160	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	170	J	J	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	500	U	U	500	500	ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	E966796	Total Alkanes	200					ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	unknown-01	unknown-01	340	J	J			ug/kg	0269-SED09-6-12
BC7A1	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	5800	J	J			ug/kg	0269-SED09-6-12
BC7A2	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	290	U	UJ	290	290	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-95-2	Phenol	170	J	J	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	78-59-1	Isophorone	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	3000		J	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A2	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	86-73-7	Fluorene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	120-12-7	Anthracene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	86-74-8	Carbazole	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	129-00-0	Pyrene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	218-01-9	Chrysene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	1400	U	UJ	1400	1400	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	730	U	UJ	730	730	ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	5100	J	UJ			ug/kg	0269-SED10-0-6
BC7A2	Sediment	11/12/2015	1.0	E966796	Total Alkanes			UJ			ug/kg	0269-SED10-0-6
BC7A3	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	150	U	U	150	150	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-95-2	Phenol	140	J	J	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	78-59-1	Isophorone	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	2100			380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	86-73-7	Fluorene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	U	380	380	ug/kg	0269-SED10-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A3	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	120-12-7	Anthracene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	86-74-8	Carbazole	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	129-00-0	Pyrene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	218-01-9	Chrysene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	110	J	J	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	740	U	U	740	740	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	380	U	U	380	380	ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	4200	J	J			ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED10-12-24
BC7A3	Sediment	11/12/2015	1.0	000149-57-5	Hexanoic acid, 2-ethyl-	220	J	J			ug/kg	0269-SED10-12-24
BC7A4	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	220	U	UJ	220	220	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-95-2	Phenol	170	J	J	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	78-59-1	Isophorone	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	2400		J	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	86-73-7	Fluorene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	120-12-7	Anthracene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	86-74-8	Carbazole	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	129-00-0	Pyrene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A4	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	218-01-9	Chrysene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	1100	U	UJ	1100	1100	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	570	U	UJ	570	570	ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	5200	J	UJ			ug/kg	0269-SED10-6-12
BC7A4	Sediment	11/12/2015	1.0	E966796	Total Alkanes			UJ			ug/kg	0269-SED10-6-12
BC7A5	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	86	U	UJ	86	86	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-95-2	Phenol	48	J	J	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	78-59-1	Isophorone	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	620			220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	86-73-7	Fluorene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	46	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	120-12-7	Anthracene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	86-74-8	Carbazole	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	200	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	129-00-0	Pyrene	150	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	120	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	218-01-9	Chrysene	92	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	420	U	U	420	420	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	110	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	84	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	45	J	J	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	220	U	U	220	220	ug/kg	0269-SED11-0-6

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A5	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	220	U	U	220	220	ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	007683-64-9	Squalene	170	J	J			ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J	J			ug/kg	0269-SED11-0-6
BC7A5	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-0-6
BC7A6	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	75	U	U	75	75	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-95-2	Phenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	78-59-1	Isophorone	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	580			190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	86-73-7	Fluorene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	44	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	120-12-7	Anthracene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	86-74-8	Carbazole	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	180	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	129-00-0	Pyrene	130	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	91	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	218-01-9	Chrysene	83	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	370	U	U	370	370	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	76	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	69	J	J	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	U	190	190	ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J	J			ug/kg	0269-SED11-12-24
BC7A6	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-12-24
BC7A8	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	87	U	UJ	87	87	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	108-95-2	Phenol	47	J	J	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	430	U	U	430	430	ug/kg	0269-SED12-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A8	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	78-59-1	Isophorone	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	460			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	86-73-7	Fluorene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	290			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	120-12-7	Anthracene	61	J	J	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	86-74-8	Carbazole	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	630			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	129-00-0	Pyrene	470			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	250			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	218-01-9	Chrysene	270			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	430	U	U	430	430	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	290			220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	110	J	J	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	210	J	J	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	110	J	J	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	120	J	J	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	220	U	U	220	220	ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	1000244-21-4	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-DI	110	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	070205-18-4	2-Methyl-2-(4-hydroxyphenyl)penta	160	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	000098-54-4	Phenol, p-tert-butyl-	190	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	000537-92-8	Acetamide, N-(3-methylphenyl)-	240	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	12000	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	unknown-01	unknown-01	100	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	000203-64-5	4H-Cyclopenta[def]phenanthrene	87	J	J			ug/kg	0269-SED12-0-6
BC7A8	Sediment	11/12/2015	1.0	000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	180	J	J			ug/kg	0269-SED12-0-6
BC7A9	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	92	U	UJ	92	92	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-95-2	Phenol	65	J	J	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	230	U	U	230	230	ug/kg	0269-SED12-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A9	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	78-59-1	Isophorone	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	530			230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	86-73-7	Fluorene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	160	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	120-12-7	Anthracene	51	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	86-74-8	Carbazole	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	280			230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	129-00-0	Pyrene	220	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	120	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	218-01-9	Chrysene	110	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	450	U	U	450	450	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	120	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	47	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	97	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	53	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	54	J	J	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	230	U	U	230	230	ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	unknown-01	unknown-01	170	J	J			ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-12-24
BC7A9	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	14000	J	J			ug/kg	0269-SED12-12-24
BC7B0	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	110	U	UJ	110	110	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	108-95-2	Phenol	56	J	J	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	78-59-1	Isophorone	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	110	J	J	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	280	U	U	280	280	ug/kg	0269-SED12-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B0	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	590			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	170	J	J	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	180	J	J	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	86-73-7	Fluorene	180	J	J	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	3200			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	120-12-7	Anthracene	700			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	86-74-8	Carbazole	320	J	J	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	3900			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	129-00-0	Pyrene	3000			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	5.0	85-68-7	Butylbenzylphthalate	10000	D		1400	1400	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	1700			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	218-01-9	Chrysene	1600			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	290			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	540	U	U	540	540	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	1900			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	570			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	1300			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	800			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	260	J	J	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	870			280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	280	U	U	280	280	ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000832-69-9	Phenanthrene, 1-methyl-	460	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	unknown-02	unknown-02	350	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	480	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000479-79-8	11H-Benzo[a]fluoren-11-one	140	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	140	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	020653-64-9	Benzenamine, 5-fluoro-2-(4-fluorop	250	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trime	540	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	13000	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	002381-21-7	Pyrene, 1-methyl-	110	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000610-48-0	Anthracene, 1-methyl-	360	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000486-25-9	9H-Fluoren-9-one	360	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000213-46-7	1,2:7,8-Dibenzophenanthrene	240	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	005737-13-3	Cyclopenta(def)phenanthrenone	310	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	300	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000084-65-1	9,10-Anthracenedione	240	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	001576-67-6	Phenanthrene, 3,6-dimethyl-	220	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000132-65-0	Dibenzothiophene	190	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	002531-84-2	Phenanthrene, 2-methyl-	160	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	003674-69-9	Phenanthrene, 4,5-dimethyl-	130	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	000194-03-6	4-Azapyrene	120	J	J			ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED12-6-12
BC7B0	Sediment	11/12/2015	1.0	unknown-01	unknown-01	110	J	J			ug/kg	0269-SED12-6-12
BC7C9	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	81	U	U	81	81	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-95-2	Phenol	66	J	J	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED19-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C9	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	200	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	550			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	100	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	130	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	44	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	86-73-7	Fluorene	120	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	890			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	120-12-7	Anthracene	320			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	86-74-8	Carbazole	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	2900			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	129-00-0	Pyrene	2200			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	1400			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	218-01-9	Chrysene	1100			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	400	U	U	400	400	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	1300			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	450			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	1100			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	560			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	180	J	J	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	510			210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	002381-21-7	Pyrene, 1-methyl-	110	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	001705-84-6	Triphenylene, 2-methyl-	110	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000205-82-3	Benzo[j]fluoranthene	340	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000192-97-2	Benzo[e]pyrene	320	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	018232-03-6	2,5-Cyclohexadiene-1,4-dione, 2-(p	97	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000832-69-9	Phenanthrene, 1-methyl-	320	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	300	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	035465-71-5	2-Phenylnaphthalene	300	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000781-92-0	Anthracene, 1,4-dimethyl-	260	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000215-58-7	Benzo[b]triphenylene	120	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	001730-37-6	9H-Fluorene, 1-methyl-	160	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000132-65-0	Dibenzothiophene	150	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	128644-69-9	8-Dimethylaminonaphthalene-1-carbo	140	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	018086-43-6	2,2-Dimethyl-1-acenaphthenone	130	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	007320-53-8	Dibenzofuran, 4-methyl-	160	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	004920-95-0	1,1-Biphenyl, 3,3,4,4-tetrameth	93	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	unknown-01	unknown-01	87	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	004569-45-3	9H-Fluorene, 9,9-dimethyl-	83	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J	J			ug/kg	0269-SED19-0-6
BC7C9	Sediment	11/12/2015	1.0	000203-64-5	4H-Cyclopenta[def]phenanthrene	660	J	J			ug/kg	0269-SED19-0-6
BC7D0	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	83	U	UJ	83	83	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-95-2	Phenol	410	U	U	410	410	ug/kg	0269-SED19-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7D0	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	160	J	J	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	470			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	82	J	J	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	290			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	74	J	J	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	86-73-7	Fluorene	220			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	1100			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	120-12-7	Anthracene	500			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	86-74-8	Carbazole	48	J	J	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	2100			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	129-00-0	Pyrene	1500			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	1000			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	218-01-9	Chrysene	820			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	410	U	U	410	410	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	850			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	420			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	700			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	350			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	130	J	J	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	240			210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000132-65-0	Dibenzothiophene	140	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	128644-69-9	8-Dimethylaminonaphthalene-1-carbo	110	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	001689-64-1	9H-Fluoren-9-ol	160	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	unknown-01	unknown-01	110	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	unknown-02	unknown-02	100	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	8900	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000243-17-4	11H-Benzo[b]fluorene	230	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000203-64-5	4H-Cyclopenta[def]phenanthrene	560	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	002381-21-7	Pyrene, 1-methyl-	100	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	002531-84-2	Phenanthrene, 2-methyl-	290	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000613-12-7	Anthracene, 2-methyl-	240	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000612-94-2	Naphthalene, 2-phenyl-	220	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	000781-43-1	9,10-Dimethylanthracene	210	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	007320-53-8	Dibenzofuran, 4-methyl-	180	J	J			ug/kg	0269-SED19-12-24
BC7D0	Sediment	11/12/2015	1.0	002523-39-9	9H-Fluorene, 3-methyl-	140	J	J			ug/kg	0269-SED19-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7D1	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	78	U	U	78	78	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-95-2	Phenol	67	J	J	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	78-59-1	Isophorone	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	390			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	67	J	J	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	550			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	230			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	600			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	240			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	86-73-7	Fluorene	560			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	2.0	85-01-8	Phenanthrene	3600	D		400	400	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	120-12-7	Anthracene	1100			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	86-74-8	Carbazole	79	J	J	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	5100			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	2.0	129-00-0	Pyrene	4500	D		400	400	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	2700			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	218-01-9	Chrysene	2200			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	380	U	U	380	380	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	2300			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	1100			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	2100			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	1100			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	340			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	1000			200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	U	200	200	ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	002131-41-1	Naphthalene, 1,4,5-trimethyl-	190	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	140	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000321-64-2	9-Acridinamine, 1,2,3,4-tetrahydro	140	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	001430-97-3	9H-Fluorene, 2-methyl-	160	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000605-02-7	Naphthalene, 1-phenyl-	160	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	002523-37-7	9H-Fluorene, 9-methyl-	170	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	unknown-01	unknown-01	220	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	017861-18-6	Phenol, 3-(2-phenylethenyl)-, (E)-	270	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	006554-98-9	Phenol, 4-(2-phenylethenyl)-, (E)-	290	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	001689-64-1	9H-Fluoren-9-ol	470	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	002523-39-9	9H-Fluorene, 3-methyl-	370	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000132-65-0	Dibenzothiophene	400	J	J			ug/kg	0269-SED19-6-12

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7D1	Sediment	11/12/2015	1.0	007320-53-8	Dibenzofuran, 4-methyl-	530	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	035465-71-5	2-Phenylnaphthalene	570	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000832-69-9	Phenanthrene, 1-methyl-	620	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	002531-84-2	Phenanthrene, 2-methyl-	740	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000203-64-5	4H-Cyclopenta[def]phenanthrene	1500	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	8800	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	90-12-0	1-Methylnaphthalene	39	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	000529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	130	J	J			ug/kg	0269-SED19-6-12
BC7D1	Sediment	11/12/2015	1.0	003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J	J			ug/kg	0269-SED19-6-12
BC7H9	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	82	U	U	82	82	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-95-2	Phenol	78	J	J	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	760			210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	86-73-7	Fluorene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	120-12-7	Anthracene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	86-74-8	Carbazole	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	150	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	129-00-0	Pyrene	110	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	87	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	218-01-9	Chrysene	69	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	410	U	U	410	410	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	81	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	71	J	J	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J	J			ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	002050-77-3	Decane, 1-iodo-	85	J	J			ug/kg	0269-SED22-6-12
BC7H9	Sediment	11/12/2015	1.0	003274-29-1	Heptanoic acid, 2-ethyl-	87	J	J			ug/kg	0269-SED22-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7H9	Sediment	11/12/2015	1.0	E966796	Total Alkanes	87					ug/kg	0269-SED22-6-12
SBLK57			1.0	123-91-1	1,4-Dioxane	67	U	U	67	67	ug/kg	
SBLK57			1.0	100-52-7	Benzaldehyde	330	U	U	330	330	ug/kg	
SBLK57			1.0	108-95-2	Phenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	111-44-4	Bis(2-Chloroethyl)ether	330	U	U	330	330	ug/kg	
SBLK57			1.0	95-57-8	2-Chlorophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	95-48-7	2-Methylphenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	108-60-1	2,2-oxybis(1-Chloropropane)	330	U	U	330	330	ug/kg	
SBLK57			1.0	98-86-2	Acetophenone	330	U	U	330	330	ug/kg	
SBLK57			1.0	106-44-5	4-Methylphenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	621-64-7	N-Nitroso-di-n-propylamine	170	U	U	170	170	ug/kg	
SBLK57			1.0	67-72-1	Hexachloroethane	170	U	U	170	170	ug/kg	
SBLK57			1.0	98-95-3	Nitrobenzene	170	U	U	170	170	ug/kg	
SBLK57			1.0	78-59-1	Isophorone	170	U	U	170	170	ug/kg	
SBLK57			1.0	88-75-5	2-Nitrophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	105-67-9	2,4-Dimethylphenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	111-91-1	Bis(2-Chloroethoxy)methane	170	U	U	170	170	ug/kg	
SBLK57			1.0	120-83-2	2,4-Dichlorophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	91-20-3	Naphthalene	170	U	U	170	170	ug/kg	
SBLK57			1.0	106-47-8	4-Chloroaniline	330	U	U	330	330	ug/kg	
SBLK57			1.0	87-68-3	Hexachlorobutadiene	170	U	U	170	170	ug/kg	
SBLK57			1.0	105-60-2	Caprolactam	330	U	U	330	330	ug/kg	
SBLK57			1.0	59-50-7	4-Chloro-3-methylphenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	91-57-6	2-Methylnaphthalene	170	U	U	170	170	ug/kg	
SBLK57			1.0	77-47-4	Hexachlorocyclopentadiene	330	U	U	330	330	ug/kg	
SBLK57			1.0	88-06-2	2,4,6-Trichlorophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	95-95-4	2,4,5-Trichlorophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	92-52-4	1,1-Biphenyl	170	U	U	170	170	ug/kg	
SBLK57			1.0	91-58-7	2-Chloronaphthalene	170	U	U	170	170	ug/kg	
SBLK57			1.0	88-74-4	2-Nitroaniline	170	U	U	170	170	ug/kg	
SBLK57			1.0	131-11-3	Dimethylphthalate	170	U	U	170	170	ug/kg	
SBLK57			1.0	606-20-2	2,6-Dinitrotoluene	170	U	U	170	170	ug/kg	
SBLK57			1.0	208-96-8	Acenaphthylene	170	U	U	170	170	ug/kg	
SBLK57			1.0	99-09-2	3-Nitroaniline	330	U	U	330	330	ug/kg	
SBLK57			1.0	83-32-9	Acenaphthene	170	U	U	170	170	ug/kg	
SBLK57			1.0	51-28-5	2,4-Dinitrophenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	100-02-7	4-Nitrophenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	132-64-9	Dibenzofuran	170	U	U	170	170	ug/kg	
SBLK57			1.0	121-14-2	2,4-Dinitrotoluene	170	U	U	170	170	ug/kg	
SBLK57			1.0	84-66-2	Diethylphthalate	170	U	U	170	170	ug/kg	
SBLK57			1.0	86-73-7	Fluorene	170	U	U	170	170	ug/kg	
SBLK57			1.0	7005-72-3	4-Chlorophenyl-phenylether	170	U	U	170	170	ug/kg	
SBLK57			1.0	100-01-6	4-Nitroaniline	330	U	U	330	330	ug/kg	
SBLK57			1.0	534-52-1	4,6-Dinitro-2-methylphenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	86-30-6	N-Nitrosodiphenylamine	170	U	U	170	170	ug/kg	
SBLK57			1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	U	170	170	ug/kg	
SBLK57			1.0	101-55-3	4-Bromophenyl-phenylether	170	U	U	170	170	ug/kg	
SBLK57			1.0	118-74-1	Hexachlorobenzene	170	U	U	170	170	ug/kg	
SBLK57			1.0	1912-24-9	Atrazine	330	U	U	330	330	ug/kg	
SBLK57			1.0	87-86-5	Pentachlorophenol	330	U	U	330	330	ug/kg	
SBLK57			1.0	85-01-8	Phenanthrene	170	U	U	170	170	ug/kg	
SBLK57			1.0	120-12-7	Anthracene	170	U	U	170	170	ug/kg	
SBLK57			1.0	86-74-8	Carbazole	330	U	U	330	330	ug/kg	
SBLK57			1.0	84-74-2	Di-n-butylphthalate	170	U	U	170	170	ug/kg	
SBLK57			1.0	206-44-0	Fluoranthene	170	U	U	170	170	ug/kg	
SBLK57			1.0	129-00-0	Pyrene	170	U	U	170	170	ug/kg	
SBLK57			1.0	85-68-7	Butylbenzylphthalate	170	U	U	170	170	ug/kg	
SBLK57			1.0	91-94-1	3,3-Dichlorobenzidine	330	U	U	330	330	ug/kg	
SBLK57			1.0	56-55-3	Benzo(a)anthracene	170	U	U	170	170	ug/kg	
SBLK57			1.0	218-01-9	Chrysene	170	U	U	170	170	ug/kg	
SBLK57			1.0	117-81-7	Bis(2-ethylhexyl)phthalate	170	U	U	170	170	ug/kg	
SBLK57			1.0	117-84-0	Di-n-octyl phthalate	330	U	U	330	330	ug/kg	
SBLK57			1.0	205-99-2	Benzo(b)fluoranthene	170	U	U	170	170	ug/kg	
SBLK57			1.0	207-08-9	Benzo(k)fluoranthene	170	U	U	170	170	ug/kg	
SBLK57			1.0	50-32-8	Benzo(a)pyrene	170	U	U	170	170	ug/kg	
SBLK57			1.0	193-39-5	Indeno(1,2,3-cd)pyrene	170	U	U	170	170	ug/kg	
SBLK57			1.0	53-70-3	Dibenzo(a,h)anthracene	170	U	U	170	170	ug/kg	
SBLK57			1.0	191-24-2	Benzo(g,h,i)perylene	170	U	U	170	170	ug/kg	
SBLK57			1.0	58-90-2	2,3,4,6-Tetrachlorophenol	170	U	U	170	170	ug/kg	
SBLK57			1.0	E966796	Total Alkanes						ug/kg	
SBLK57			1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	650	J	J			ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC794_S3VEM.xls).

REFERENCE 34

TestAmerica

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ANALYTICAL REPORT

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TestAmerica Job ID: 200-30752-1
TestAmerica Sample Delivery Group: 200-30752-1
Client Project/Site: Wappinger Creek

For:
Weston Solutions, Inc.
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Qualifiers

GC Semi 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.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Job ID: 200-30752-1

Laboratory: TestAmerica Burlington

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wappinger Creek

Report Number: 200-30752-1

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.

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.

RECEIPT
The samples were received on 11/13/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º C.

METHYL MERCURY
Samples 0269-SED07-12-24, 0269-SED07A-12-24, 0269-SED08-12-24, 0269-SED09-12-24, 0269-SED10-12-24 and 0269-SED11-12-24 were analyzed for methyl mercury in accordance with 1630. The samples were prepared on 11/23/2015 and analyzed on 11/30/2015.

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

METHYL MERCURY
Sample 0269-RIN04 was analyzed for methyl mercury in accordance with 1630. The samples were prepared on 11/14/2015 and analyzed on 11/15/2015.

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

PERCENT SOLIDS
Samples 0269-SED07-12-24, 0269-SED07A-12-24, 0269-SED08-12-24, 0269-SED09-12-24, 0269-SED10-12-24 and 0269-SED11-12-24 were analyzed for percent solids in accordance with EPA Moisture. The samples were analyzed on 11/18/2015.

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

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-RIN04 — Lab Sample ID: 200-30752-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	0.021	J	0.050	0.019	ng/L	1		1630	Total/NA

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30752-2

No Detections.

Client Sample ID: 0269-SED07A-12-24 — Lab Sample ID: 200-30752-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	0.051	J	0.13	0.039	ug/Kg	1	☼	1630	Total/NA

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30752-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	0.12	J	0.26	0.077	ug/Kg	1	☼	1630	Total/NA

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30752-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	1.3		0.26	0.079	ug/Kg	1	☼	1630	Total/NA

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30752-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	0.61		0.22	0.067	ug/Kg	1	☼	1630	Total/NA

Client Sample ID: 0269-SED11-12-24 — Lab Sample ID: 200-30752-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Mercury	0.052	J	0.11	0.033	ug/Kg	1	☼	1630	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-RIN04 — Lab Sample ID: 200-30752-1

Date Collected: 11/12/15 08:00 — **Matrix: Water**
Date Received: 11/13/15 10:15

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.021	J	0.050	0.019	ng/L		11/14/15 11:42	11/15/15 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*64*		*10 - 146*	*11/14/15 11:42*	*11/15/15 08:44*	*1*

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30752-2

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	76.9		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	23.1		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30752-2

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 76.9**

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.13	U	0.13	0.039	ug/Kg	☼	11/23/15 08:17	11/30/15 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*57*		*10 - 149*	*11/23/15 08:17*	*11/30/15 13:55*	*1*

Client Sample ID: 0269-SED07A-12-24 — Lab Sample ID: 200-30752-3

Date Collected: 11/12/15 11:15 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	75.9		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	24.1		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED07A-12-24 — Lab Sample ID: 200-30752-3

Date Collected: 11/12/15 11:15 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 75.9**

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.051	J	0.13	0.039	ug/Kg	☼	11/23/15 08:17	11/30/15 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*72*		*10 - 149*	*11/23/15 08:17*	*11/30/15 14:17*	*1*

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30752-4

Date Collected: 11/12/15 11:50 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	38.6		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	61.4		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30752-4

Date Collected: 11/12/15 11:50 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 38.6**

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.12	J	0.26	0.077	ug/Kg	☼	11/23/15 08:19	11/30/15 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*67*		*10 - 149*	*11/23/15 08:19*	*11/30/15 14:38*	*1*

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30752-5

Date Collected: 11/12/15 12:30 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	37.7		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	62.3		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30752-5

Date Collected: 11/12/15 12:30 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 37.7**

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	1.3		0.26	0.079	ug/Kg	☼	11/23/15 08:19	11/30/15 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*74*		*10 - 149*	*11/23/15 08:19*	*11/30/15 14:59*	*1*

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30752-6

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	42.6		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	57.4		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30752-6

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 42.6**

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.61		0.22	0.067	ug/Kg	☼	11/23/15 08:19	11/30/15 15:20	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-SED10-12-24

Lab Sample ID: 200-30752-6
Date Collected: 11/12/15 14:35
Matrix: Sediment
Date Received: 11/13/15 10:15
Percent Solids: 42.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*70*		*10 - 149*	*11/23/15 08:19*	*11/30/15 15:20*	*1*

Client Sample ID: 0269-SED11-12-24

Lab Sample ID: 200-30752-7
Date Collected: 11/12/15 15:20
Matrix: Sediment
Date Received: 11/13/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.10	0.10	%			11/18/15 09:29	1
Percent Moisture	**13.5**		0.10	0.10	%			11/18/15 09:29	1

Client Sample ID: 0269-SED11-12-24

Lab Sample ID: 200-30752-7
Date Collected: 11/12/15 15:20
Matrix: Sediment
Date Received: 11/13/15 10:15
Percent Solids: 86.5

Method: 1630 - Methyl Mercury (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	**0.052**	**J**	0.11	0.033	ug/Kg	☼	11/23/15 08:19	11/30/15 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*55*		*10 - 149*	*11/23/15 08:19*	*11/30/15 15:42*	*1*

Surrogate Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Method: 1630 - Methyl Mercury (GC)

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

Lab Sample ID	Client Sample ID	nPMC (10-149)
200-30752-2	0269-SED07-12-24	57
200-30752-3	0269-SED07A-12-24	72
200-30752-4	0269-SED08-12-24	67
200-30752-5	0269-SED09-12-24	74
200-30752-6	0269-SED10-12-24	70
200-30752-7	0269-SED11-12-24	55
200-30752-7 MS	0269-SED11-12-24	72
200-30752-7 MSD	0269-SED11-12-24	70
LCS 240-208010/2-A	Lab Control Sample	56
MB 240-208010/1-A	Method Blank	57

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

nPMC = n-Propyl Mercury Chloride

Method: 1630 - Methyl Mercury (GC)

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

Lab Sample ID	Client Sample ID	nPMC (10-146)
200-30752-1	0269-RIN04	64
LCS 240-206804/2-A	Lab Control Sample	75
MB 240-206804/1-A	Method Blank	78

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

nPMC = n-Propyl Mercury Chloride

Method: 1630 - Methyl Mercury (GC)

Lab Sample ID: MB 240-206804/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 206785 — **Prep Batch: 206804**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.050	U	0.050	0.019	ng/L		11/14/15 11:42	11/15/15 02:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*78*		*10 - 146*	*11/14/15 11:42*	*11/15/15 02:22*	*1*

Lab Sample ID: LCS 240-206804/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 206785 — **Prep Batch: 206804**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Mercury	0.500	0.501		ng/L		100	55 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Propyl Mercury Chloride	*75*		*10 - 146*

Lab Sample ID: MB 240-208010/1-A — **Client Sample ID: Method Blank**
Matrix: Sediment — **Prep Type: Total/NA**
Analysis Batch: 208636 — **Prep Batch: 208010**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Mercury	0.10	U	0.10	0.030	ug/Kg		11/23/15 08:17	11/28/15 02:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Propyl Mercury Chloride	*57*		*10 - 149*	*11/23/15 08:17*	*11/28/15 02:55*	*1*

Lab Sample ID: LCS 240-208010/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Sediment — **Prep Type: Total/NA**
Analysis Batch: 208636 — **Prep Batch: 208010**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Mercury	1.00	0.729		ug/Kg		73	41 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Propyl Mercury Chloride	*56*		*10 - 149*

Lab Sample ID: 200-30752-7 MS — **Client Sample ID: 0269-SED11-12-24**
Matrix: Sediment — **Prep Type: Total/NA**
Analysis Batch: 208777 — **Prep Batch: 208010**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Mercury	0.052	J	1.09	0.970		ug/Kg	☼	84	10 - 181

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Propyl Mercury Chloride	*72*		*10 - 149*

Method: 1630 - Methyl Mercury (GC) (Continued)

Lab Sample ID: 200-30752-7 MSD — **Client Sample ID: 0269-SED11-12-24**
Matrix: Sediment — **Prep Type: Total/NA**
Analysis Batch: 208777 — **Prep Batch: 208010**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl Mercury	0.052	J	1.08	0.934		ug/Kg	☼	82	10 - 181	4	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Propyl Mercury Chloride	*70*		*10 - 149*

Method: Moisture - Percent Moisture

Lab Sample ID: 200-30752-7 DU — **Client Sample ID: 0269-SED11-12-24**
Matrix: Sediment — **Prep Type: Total/NA**
Analysis Batch: 207323

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	86.5			86.0		%				0.6	20
Percent Moisture	13.5			14.0		%				4	20

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

GC Semi VOA

Analysis Batch: 206785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30752-1	0269-RIN04	Total/NA	Water	1630	206804
LCS 240-206804/2-A	Lab Control Sample	Total/NA	Water	1630	206804
MB 240-206804/1-A	Method Blank	Total/NA	Water	1630	206804

Prep Batch: 206804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30752-1	0269-RIN04	Total/NA	Water	1630	
LCS 240-206804/2-A	Lab Control Sample	Total/NA	Water	1630	
MB 240-206804/1-A	Method Blank	Total/NA	Water	1630	

Prep Batch: 208010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30752-2	0269-SED07-12-24	Total/NA	Sediment	1630	
200-30752-3	0269-SED07A-12-24	Total/NA	Sediment	1630	
200-30752-4	0269-SED08-12-24	Total/NA	Sediment	1630	
200-30752-5	0269-SED09-12-24	Total/NA	Sediment	1630	
200-30752-6	0269-SED10-12-24	Total/NA	Sediment	1630	
200-30752-7	0269-SED11-12-24	Total/NA	Sediment	1630	
200-30752-7 MS	0269-SED11-12-24	Total/NA	Sediment	1630	
200-30752-7 MSD	0269-SED11-12-24	Total/NA	Sediment	1630	
LCS 240-208010/2-A	Lab Control Sample	Total/NA	Sediment	1630	
MB 240-208010/1-A	Method Blank	Total/NA	Sediment	1630	

Analysis Batch: 208636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-208010/2-A	Lab Control Sample	Total/NA	Sediment	1630	208010
MB 240-208010/1-A	Method Blank	Total/NA	Sediment	1630	208010

Analysis Batch: 208777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30752-2	0269-SED07-12-24	Total/NA	Sediment	1630	208010
200-30752-3	0269-SED07A-12-24	Total/NA	Sediment	1630	208010
200-30752-4	0269-SED08-12-24	Total/NA	Sediment	1630	208010
200-30752-5	0269-SED09-12-24	Total/NA	Sediment	1630	208010
200-30752-6	0269-SED10-12-24	Total/NA	Sediment	1630	208010
200-30752-7	0269-SED11-12-24	Total/NA	Sediment	1630	208010
200-30752-7 MS	0269-SED11-12-24	Total/NA	Sediment	1630	208010
200-30752-7 MSD	0269-SED11-12-24	Total/NA	Sediment	1630	208010

General Chemistry

Analysis Batch: 207323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30752-2	0269-SED07-12-24	Total/NA	Sediment	Moisture	
200-30752-3	0269-SED07A-12-24	Total/NA	Sediment	Moisture	
200-30752-4	0269-SED08-12-24	Total/NA	Sediment	Moisture	
200-30752-5	0269-SED09-12-24	Total/NA	Sediment	Moisture	
200-30752-6	0269-SED10-12-24	Total/NA	Sediment	Moisture	
200-30752-7	0269-SED11-12-24	Total/NA	Sediment	Moisture	
200-30752-7 DU	0269-SED11-12-24	Total/NA	Sediment	Moisture	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-RIN04 — Lab Sample ID: 200-30752-1

Date Collected: 11/12/15 08:00 — **Matrix: Water**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			206804	11/14/15 11:42	RES	TAL CAN
Total/NA	Analysis	1630		1	206785	11/15/15 08:44	SEM	TAL CAN

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30752-2

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30752-2

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 76.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:17	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 13:55	SEM	TAL CAN

Client Sample ID: 0269-SED07A-12-24 — Lab Sample ID: 200-30752-3

Date Collected: 11/12/15 11:15 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Client Sample ID: 0269-SED07A-12-24 — Lab Sample ID: 200-30752-3

Date Collected: 11/12/15 11:15 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 75.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:17	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 14:17	SEM	TAL CAN

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30752-4

Date Collected: 11/12/15 11:50 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30752-4

Date Collected: 11/12/15 11:50 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 38.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:19	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 14:38	SEM	TAL CAN

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30752-5

Date Collected: 11/12/15 12:30 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30752-5

Date Collected: 11/12/15 12:30 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 37.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:19	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 14:59	SEM	TAL CAN

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30752-6

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30752-6

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/13/15 10:15 — **Percent Solids: 42.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:19	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 15:20	SEM	TAL CAN

Client Sample ID: 0269-SED11-12-24 — Lab Sample ID: 200-30752-7

Date Collected: 11/12/15 15:20 — **Matrix: Sediment**
Date Received: 11/13/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	207323	11/18/15 09:29	LCN	TAL CAN

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Client Sample ID: 0269-SED11-12-24

Date Collected: 11/12/15 15:20
Date Received: 11/13/15 10:15

Lab Sample ID: 200-30752-7

Matrix: Sediment
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1630			208010	11/23/15 08:19	SEM	TAL CAN
Total/NA	Analysis	1630		1	208777	11/30/15 15:42	SEM	TAL CAN

Laboratory References:

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

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-16
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-16
Pennsylvania	NELAP	3	68-00489	04-30-16
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Illinois	NELAP	5	200004	07-31-16
Kansas	NELAP	7	E-10336	01-31-16 *
Kentucky (UST)	State Program	4	58	02-26-16
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-16
New Jersey	NELAP	2	OH001	11-30-15 *
New York	NELAP	2	10975	03-31-16
Ohio VAP	State Program	5	CL0024	09-14-17
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-16
Texas	NELAP	6	T104704517-15-5	08-31-16
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-16
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-16

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Method	Method Description	Protocol	Laboratory
1630	Methyl Mercury (GC)	EPA	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30752-1
SDG: 200-30752-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-30752-1	0269-RIN04	Water	11/12/15 08:00	11/13/15 10:15
200-30752-2	0269-SED07-12-24	Sediment	11/12/15 11:10	11/13/15 10:15
200-30752-3	0269-SED07A-12-24	Sediment	11/12/15 11:15	11/13/15 10:15
200-30752-4	0269-SED08-12-24	Sediment	11/12/15 11:50	11/13/15 10:15
200-30752-5	0269-SED09-12-24	Sediment	11/12/15 12:30	11/13/15 10:15
200-30752-6	0269-SED10-12-24	Sediment	11/12/15 14:35	11/13/15 10:15
200-30752-7	0269-SED11-12-24	Sediment	11/12/15 15:20	11/13/15 10:15

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

200-30752 Chain of Custody

3.8 | C3.9

USEPA
DateShipped: 11/12/2015
CarrierName: 8541 0029 4129
AirbillNo:

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111215-172125-0017
Cooler #: 1
Lab: Test America Laboratories
Lab Phone: 330-497-9396

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-RIN04	Methyl Mercury	DI Water	11/12/2015	08:00	3	40-mL VOA Vial	HCl to pH<2	N
	0269-SED07-12-24	Methyl Mercury	Sediment	11/12/2015	11:10	1	4-oz. glass jar	4 C	N
	0269-SED07A-12-24	Methyl Mercury	Sediment	11/12/2015	11:15	1	4-oz. glass jar	4 C	N
	0269-SED08-12-24	Methyl Mercury	Sediment	11/12/2015	11:50	1	4-oz. glass jar	4 C	N
	0269-SED09-12-24	Methyl Mercury	Sediment	11/12/2015	12:30	1	4-oz. glass jar	4 C	N
	0269-SED10-12-24	Methyl Mercury	Sediment	11/12/2015	14:35	1	4-oz. glass jar	4 C	N
	0269-SED11-12-24	Methyl Mercury	Sediment	11/12/2015	15:20	3	4-oz. glass jar	4 C	Y

DB

Special Instructions: PO#: 0089956 MS/MSD: 0269-SED11-12-24.
PO Complete.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/12/15 1800	FEDEX	11/12/15 1800	
				11/13/15 925	

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 200-30752
Canton Facility

Client USEPA Site Name _____ Cooler unpacked by:

Cooler Received on 11-13-15 Opened on 11-13-15

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
   IR GUN# 53 (CF +0.1 °C) Observed Cooler Temp. 3.8 °C Corrected Cooler Temp. 3.9 °C
   IR GUN# 48 (CF -0.3 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form
   ~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   IR GUN# 8 (CF -0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC554612
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes No NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 200-30752-1
SDG Number: 200-30752-1

Login Number: 30752
List Number: 1
Creator: Poucher, Stephanie A

List Source: TestAmerica Burlington

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

REFERENCE 35

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-30774-1
TestAmerica Sample Delivery Group: 200-30774-1
Client Project/Site: Wappinger Creek

For:
Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837-3939

Attn: Mr. Scott Snyder

Authorized for release by:
11/24/2015 3:44:00 PM

Rayburn Lavigne, Project Manager II
(802)660-1990
rayburnj.lavigne@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Qualifiers

General Chemistry

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

Glossary

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

Job ID: 200-30774-1

Laboratory: TestAmerica Burlington

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wappinger Creek

Report Number: 200-30774-1

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.

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.

RECEIPT

The samples were received on 11/14/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 5.2º C.

TOTAL ORGANIC CARBON

Samples 0269-SED08-0-6, 0269-SED08-12-24, 0269-SED08-6-12, 0269-SED09-0-6, 0269-SED09-12-24, 0269-SED09-6-12, 0269-SED10-0-6, 0269-SED10-12-24, 0269-SED10-6-12, 0269-SED11-0-6, 0269-SED11-12-24, 0269-SED11-6-12, 0269-SED12-0-6, 0269-SED12-12-24, 0269-SED12-6-12, 0269-SED13-0-6, 0269-SED13-12-24, 0269-SED13-6-12, 0269-SED14-0-6, 0269-SED14-6-12, 0269-SED19-0-6, 0269-SED19-12-24 and 0269-SED19-6-12 were analyzed for total organic carbon in accordance with Lloyd Kahn Method. The samples were analyzed on 11/18/2015 and 11/19/2015.

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

Job Narrative
200-30774-1

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The COC did not contain collection times. Times were taken from the sample containers.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED08-0-6 — Lab Sample ID: 200-30774-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	96700		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30774-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	69200		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED08-6-12 — Lab Sample ID: 200-30774-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	75900		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED09-0-6 — Lab Sample ID: 200-30774-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	74800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30774-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	93400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED09-6-12 — Lab Sample ID: 200-30774-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	83000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED10-0-6 — Lab Sample ID: 200-30774-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	64500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30774-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	46200		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED10-6-12 — Lab Sample ID: 200-30774-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	51000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED11-0-6 — Lab Sample ID: 200-30774-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	15200		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED11-12-24 — Lab Sample ID: 200-30774-11

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED11-12-24 (Continued) — Lab Sample ID: 200-30774-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	3330		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED11-6-12 — Lab Sample ID: 200-30774-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	6980		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED12-0-6 — Lab Sample ID: 200-30774-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	20300		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED12-12-24 — Lab Sample ID: 200-30774-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	30000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED12-6-12 — Lab Sample ID: 200-30774-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	53600		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED13-0-6 — Lab Sample ID: 200-30774-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	3120		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED13-12-24 — Lab Sample ID: 200-30774-17

No Detections.

Client Sample ID: 0269-SED13-6-12 — Lab Sample ID: 200-30774-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	2750		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED14-0-6 — Lab Sample ID: 200-30774-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	32800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED14-6-12 — Lab Sample ID: 200-30774-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	21800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED19-0-6 — Lab Sample ID: 200-30774-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	16100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED19-12-24 — Lab Sample ID: 200-30774-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	27400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED19-6-12 — Lab Sample ID: 200-30774-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	7740		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED08-0-6 — Lab Sample ID: 200-30774-1

Date Collected: 11/12/15 11:30
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	96700		1000	390	mg/Kg			11/19/15 20:45	1

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30774-2

Date Collected: 11/12/15 11:50
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	69200		1000	390	mg/Kg			11/18/15 17:41	1

Client Sample ID: 0269-SED08-6-12 — Lab Sample ID: 200-30774-3

Date Collected: 11/12/15 11:40
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	75900		1000	390	mg/Kg			11/18/15 17:48	1

Client Sample ID: 0269-SED09-0-6 — Lab Sample ID: 200-30774-4

Date Collected: 11/12/15 12:10
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	74800		1000	390	mg/Kg			11/18/15 17:55	1

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30774-5

Date Collected: 11/12/15 12:30
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	93400		1000	390	mg/Kg			11/19/15 20:52	1

Client Sample ID: 0269-SED09-6-12 — Lab Sample ID: 200-30774-6

Date Collected: 11/12/15 12:20
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	83000		1000	390	mg/Kg			11/19/15 20:59	1

Client Sample ID: 0269-SED10-0-6 — Lab Sample ID: 200-30774-7

Date Collected: 11/12/15 14:15
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	64500		1000	390	mg/Kg			11/18/15 18:32	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30774-8

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	46200		1000	390	mg/Kg			11/18/15 18:40	1

Client Sample ID: 0269-SED10-6-12 — Lab Sample ID: 200-30774-9

Date Collected: 11/12/15 14:25 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	51000		1000	390	mg/Kg			11/18/15 18:47	1

Client Sample ID: 0269-SED11-0-6 — Lab Sample ID: 200-30774-10

Date Collected: 11/12/15 15:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15200		1000	390	mg/Kg			11/18/15 18:55	1

Client Sample ID: 0269-SED11-12-24 — Lab Sample ID: 200-30774-11

Date Collected: 11/12/15 15:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3330		1000	390	mg/Kg			11/18/15 19:47	1

Client Sample ID: 0269-SED11-6-12 — Lab Sample ID: 200-30774-12

Date Collected: 11/12/15 15:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6980		1000	390	mg/Kg			11/18/15 19:55	1

Client Sample ID: 0269-SED12-0-6 — Lab Sample ID: 200-30774-13

Date Collected: 11/12/15 16:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	20300		1000	390	mg/Kg			11/18/15 20:02	1

Client Sample ID: 0269-SED12-12-24 — Lab Sample ID: 200-30774-14

Date Collected: 11/12/15 16:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	30000		1000	390	mg/Kg			11/18/15 20:09	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED12-6-12 — Lab Sample ID: 200-30774-15

Date Collected: 11/12/15 16:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	53600		1000	390	mg/Kg			11/18/15 20:16	1

Client Sample ID: 0269-SED13-0-6 — Lab Sample ID: 200-30774-16

Date Collected: 11/13/15 11:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3120		1000	390	mg/Kg			11/18/15 20:24	1

Client Sample ID: 0269-SED13-12-24 — Lab Sample ID: 200-30774-17

Date Collected: 11/13/15 12:05 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/18/15 20:30	1

Client Sample ID: 0269-SED13-6-12 — Lab Sample ID: 200-30774-18

Date Collected: 11/13/15 11:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2750		1000	390	mg/Kg			11/18/15 20:37	1

Client Sample ID: 0269-SED14-0-6 — Lab Sample ID: 200-30774-19

Date Collected: 11/13/15 12:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	32800		1000	390	mg/Kg			11/18/15 20:58	1

Client Sample ID: 0269-SED14-6-12 — Lab Sample ID: 200-30774-20

Date Collected: 11/13/15 12:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	21800		1000	390	mg/Kg			11/18/15 21:05	1

Client Sample ID: 0269-SED19-0-6 — Lab Sample ID: 200-30774-21

Date Collected: 11/12/15 15:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	16100		1000	390	mg/Kg			11/18/15 21:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED19-12-24

Lab Sample ID: 200-30774-22
Date Collected: 11/12/15 15:50
Matrix: Sediment
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	27400		1000	390	mg/Kg			11/18/15 21:19	1

Client Sample ID: 0269-SED19-6-12

Lab Sample ID: 200-30774-23
Date Collected: 11/12/15 15:40
Matrix: Sediment
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7740		1000	390	mg/Kg			11/18/15 21:25	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 200-97238/29
Matrix: Sediment
Analysis Batch: 97238

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/18/15 19:02	1

Lab Sample ID: MB 200-97238/5
Matrix: Sediment
Analysis Batch: 97238

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/18/15 15:48	1

Lab Sample ID: LCS 200-97238/30
Matrix: Sediment
Analysis Batch: 97238

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	19690		mg/Kg		98	75 - 125

Lab Sample ID: LCS 200-97238/6
Matrix: Sediment
Analysis Batch: 97238

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	18690		mg/Kg		93	75 - 125

Lab Sample ID: MB 200-97311/31
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/19/15 19:20	1

Lab Sample ID: LCS 200-97311/32
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	20250		mg/Kg		101	75 - 125

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

General Chemistry

Analysis Batch: 97238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30774-2	0269-SED08-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-3	0269-SED08-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-4	0269-SED09-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-7	0269-SED10-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-8	0269-SED10-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-9	0269-SED10-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-10	0269-SED11-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-11	0269-SED11-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-12	0269-SED11-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-13	0269-SED12-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-14	0269-SED12-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-15	0269-SED12-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-16	0269-SED13-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-17	0269-SED13-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-18	0269-SED13-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-19	0269-SED14-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-20	0269-SED14-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30774-21	0269-SED19-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-22	0269-SED19-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-23	0269-SED19-6-12	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97238/30	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97238/6	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
MB 200-97238/29	Method Blank	Total/NA	Sediment	Lloyd Kahn	
MB 200-97238/5	Method Blank	Total/NA	Sediment	Lloyd Kahn	

Analysis Batch: 97311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30774-1	0269-SED08-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30774-5	0269-SED09-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30774-6	0269-SED09-6-12	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97311/32	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
MB 200-97311/31	Method Blank	Total/NA	Sediment	Lloyd Kahn	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED08-0-6 — Lab Sample ID: 200-30774-1

Date Collected: 11/12/15 11:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 20:45	KSH	TAL BUR

Client Sample ID: 0269-SED08-12-24 — Lab Sample ID: 200-30774-2

Date Collected: 11/12/15 11:50 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 17:41	KSH	TAL BUR

Client Sample ID: 0269-SED08-6-12 — Lab Sample ID: 200-30774-3

Date Collected: 11/12/15 11:40 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 17:48	KSH	TAL BUR

Client Sample ID: 0269-SED09-0-6 — Lab Sample ID: 200-30774-4

Date Collected: 11/12/15 12:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 17:55	KSH	TAL BUR

Client Sample ID: 0269-SED09-12-24 — Lab Sample ID: 200-30774-5

Date Collected: 11/12/15 12:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 20:52	KSH	TAL BUR

Client Sample ID: 0269-SED09-6-12 — Lab Sample ID: 200-30774-6

Date Collected: 11/12/15 12:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 20:59	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED10-0-6 — Lab Sample ID: 200-30774-7

Date Collected: 11/12/15 14:15 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 18:32	KSH	TAL BUR

Client Sample ID: 0269-SED10-12-24 — Lab Sample ID: 200-30774-8

Date Collected: 11/12/15 14:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 18:40	KSH	TAL BUR

Client Sample ID: 0269-SED10-6-12 — Lab Sample ID: 200-30774-9

Date Collected: 11/12/15 14:25 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 18:47	KSH	TAL BUR

Client Sample ID: 0269-SED11-0-6 — Lab Sample ID: 200-30774-10

Date Collected: 11/12/15 15:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 18:55	KSH	TAL BUR

Client Sample ID: 0269-SED11-12-24 — Lab Sample ID: 200-30774-11

Date Collected: 11/12/15 15:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 19:47	KSH	TAL BUR

Client Sample ID: 0269-SED11-6-12 — Lab Sample ID: 200-30774-12

Date Collected: 11/12/15 15:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 19:55	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED12-0-6 — Lab Sample ID: 200-30774-13

Date Collected: 11/12/15 16:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:02	KSH	TAL BUR

Client Sample ID: 0269-SED12-12-24 — Lab Sample ID: 200-30774-14

Date Collected: 11/12/15 16:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:09	KSH	TAL BUR

Client Sample ID: 0269-SED12-6-12 — Lab Sample ID: 200-30774-15

Date Collected: 11/12/15 16:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:16	KSH	TAL BUR

Client Sample ID: 0269-SED13-0-6 — Lab Sample ID: 200-30774-16

Date Collected: 11/13/15 11:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:24	KSH	TAL BUR

Client Sample ID: 0269-SED13-12-24 — Lab Sample ID: 200-30774-17

Date Collected: 11/13/15 12:05 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:30	KSH	TAL BUR

Client Sample ID: 0269-SED13-6-12 — Lab Sample ID: 200-30774-18

Date Collected: 11/13/15 11:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:37	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Client Sample ID: 0269-SED14-0-6 — Lab Sample ID: 200-30774-19

Date Collected: 11/13/15 12:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 20:58	KSH	TAL BUR

Client Sample ID: 0269-SED14-6-12 — Lab Sample ID: 200-30774-20

Date Collected: 11/13/15 12:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 21:05	KSH	TAL BUR

Client Sample ID: 0269-SED19-0-6 — Lab Sample ID: 200-30774-21

Date Collected: 11/12/15 15:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 21:12	KSH	TAL BUR

Client Sample ID: 0269-SED19-12-24 — Lab Sample ID: 200-30774-22

Date Collected: 11/12/15 15:50 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 21:19	KSH	TAL BUR

Client Sample ID: 0269-SED19-6-12 — Lab Sample ID: 200-30774-23

Date Collected: 11/12/15 15:40 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97238	11/18/15 21:25	KSH	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-16
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-16
Pennsylvania	NELAP	3	68-00489	04-30-16
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Method	Method Description	Protocol	Laboratory
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30774-1
SDG: 200-30774-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-30774-1	0269-SED08-0-6	Sediment	11/12/15 11:30	11/14/15 09:30
200-30774-2	0269-SED08-12-24	Sediment	11/12/15 11:50	11/14/15 09:30
200-30774-3	0269-SED08-6-12	Sediment	11/12/15 11:40	11/14/15 09:30
200-30774-4	0269-SED09-0-6	Sediment	11/12/15 12:10	11/14/15 09:30
200-30774-5	0269-SED09-12-24	Sediment	11/12/15 12:30	11/14/15 09:30
200-30774-6	0269-SED09-6-12	Sediment	11/12/15 12:20	11/14/15 09:30
200-30774-7	0269-SED10-0-6	Sediment	11/12/15 14:15	11/14/15 09:30
200-30774-8	0269-SED10-12-24	Sediment	11/12/15 14:35	11/14/15 09:30
200-30774-9	0269-SED10-6-12	Sediment	11/12/15 14:25	11/14/15 09:30
200-30774-10	0269-SED11-0-6	Sediment	11/12/15 15:00	11/14/15 09:30
200-30774-11	0269-SED11-12-24	Sediment	11/12/15 15:20	11/14/15 09:30
200-30774-12	0269-SED11-6-12	Sediment	11/12/15 15:10	11/14/15 09:30
200-30774-13	0269-SED12-0-6	Sediment	11/12/15 16:00	11/14/15 09:30
200-30774-14	0269-SED12-12-24	Sediment	11/12/15 16:20	11/14/15 09:30
200-30774-15	0269-SED12-6-12	Sediment	11/12/15 16:10	11/14/15 09:30
200-30774-16	0269-SED13-0-6	Sediment	11/13/15 11:45	11/14/15 09:30
200-30774-17	0269-SED13-12-24	Sediment	11/13/15 12:05	11/14/15 09:30
200-30774-18	0269-SED13-6-12	Sediment	11/13/15 11:55	11/14/15 09:30
200-30774-19	0269-SED14-0-6	Sediment	11/13/15 12:20	11/14/15 09:30
200-30774-20	0269-SED14-6-12	Sediment	11/13/15 12:30	11/14/15 09:30
200-30774-21	0269-SED19-0-6	Sediment	11/12/15 15:30	11/14/15 09:30
200-30774-22	0269-SED19-12-24	Sediment	11/12/15 15:50	11/14/15 09:30
200-30774-23	0269-SED19-6-12	Sediment	11/12/15 15:40	11/14/15 09:30

USEPA

DateShipped: 11/13/2015

CarrierName: FedEx

AirbillNo: 8044 6775 2016

CHAIN OF CUSTODY RECORD

Site #: A25J

Contact Name: Denise Breen

Contact Phone: 732-417-5814

No: 2-111315-134059-0022

Cooler #: 2

Lab: TestAmerica Laboratories, Inc - South Burlington

Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	0269-SED08-0-6	0269-SED08	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED08-12-24	0269-SED08	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED08-6-12	0269-SED08	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED09-0-6	0269-SED09	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED09-12-24	0269-SED09	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED09-6-12	0269-SED09	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED10-0-6	0269-SED10	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED10-12-24	0269-SED10	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED10-6-12	0269-SED10	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED11-0-6	0269-SED11	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED11-12-24	0269-SED11	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED11-6-12	0269-SED11	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED12-0-6	0269-SED12	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED12-12-24	0269-SED12	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED12-6-12	0269-SED12	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED13-0-6	0269-SED13	Total Organic Carbon	Sediment	11/13/2015	1	4-oz. glass jar	4 C	N
	0269-SED13-12-24	0269-SED13	Total Organic Carbon	Sediment	11/13/2015	1	4-oz. glass jar	4 C	N
	0269-SED13-6-12	0269-SED13	Total Organic Carbon	Sediment	11/13/2015	1	4-oz. glass jar	4 C	N

Special Instructions: PO#: 0089956

~~4.8~~ 5.2°C

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			Scott Z TABOR	11/14/15 0930	Intact

200-30774 Chain of Custody

USEPA
DateShipped: 11/13/2015
CarrierName: FedEx
AirbillNo: 8044 6775 2016

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111315-134059-0022
Cooler #: 2
Lab: TestAmerica Laboratories, Inc - South Burlington
Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Numb Cont	Container	Preservative	Lab QC
	0269-SED14-0-6	0269-SED14	Total Organic Carbon	Sediment	11/13/2015	1	4-oz. glass jar	4 C	N
	0269-SED14-6-12	0269-SED14	Total Organic Carbon	Sediment	11/13/2015	1	4-oz. glass jar	4 C	N
	0269-SED19-0-6	0269-SED19	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED19-12-24	0269-SED19	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N
	0269-SED19-6-12	0269-SED19	Total Organic Carbon	Sediment	11/12/2015	1	4-oz. glass jar	4 C	N

Special Instructions: PO#: 0089956

5.2°C

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			[illegible] TABLE	11/14/15 0930	Intact

FedEx Express NEW Package US Airbill

FedEx Tracking Number 8044 6775 2016

1 From

Date 11/13/15 [redacted]

Sender's Name Denise Breen Phone 732 417-5814

Company Weston Solutions, Inc.

Address 205 Campus Dr

Dept/Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference 20408.010.004.0269.00

3 To

Recipient's Name R.J Lavigne Phone 802 923 1024

Company Test America Burlington

Address 30 Community Dr.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City South Burlington State VT ZIP 05403

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

fedex.com 1.800.GoFedEx 1.800.463.3339

FZ

RT 87

8044 6775 2016

ORIGIN ID:SWFA

UNITED STATES US

SHIP DATE: 13NOV15
ACTWGT: 42.10 LB
CAD: /POS1621
DIMS: 24x14x14 IN

BILL THIRD PARTY

Part # 156297-435 RIT2 03/15

TO R.J LAVIGNE
TEST AMERICA BURLINGTON
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403
(802) 923-1024 REF:
INV:
PO: DEPT:

FedEx Express

E

1 of 2

TRK# 0200 8044 6775 2016

MASTER

X0 BTVA

SATURDAY 12:00P
PRIORITY OVERNIGHT
DSR
05403
VT-US BTV

ation	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
)-SED08	Total Organic Carbon	Sediment	11/12/2015	11:30	1	4-oz. glass jar	4 C	N
)-SED08	Total Organic Carbon	Sediment	11/12/2015	11:50	1	4-oz. glass jar	4 C	N
)-SED08	Total Organic Carbon	Sediment	11/12/2015	11:40	1	4-oz. glass jar	4 C	N
)-SED09	Total Organic Carbon	Sediment	11/12/2015	12:10	1	4-oz. glass jar	4 C	N
)-SED09	Total Organic Carbon	Sediment	11/12/2015	12:30	1	4-oz. glass jar	4 C	N
)-SED09	Total Organic Carbon	Sediment	11/12/2015	12:20	1	4-oz. glass jar	4 C	N
)-SED10	Total Organic Carbon	Sediment	11/12/2015	14:15	1	4-oz. glass jar	4 C	N
)-SED10	Total Organic Carbon	Sediment	11/12/2015	14:35	1	4-oz. glass jar	4 C	N
)-SED10	Total Organic Carbon	Sediment	11/12/2015	14:25	1	4-oz. glass jar	4 C	N
)-SED11	Total Organic Carbon	Sediment	11/12/2015	15:00	1	4-oz. glass jar	4 C	N
)-SED11	Total Organic Carbon	Sediment	11/12/2015	15:20	1	4-oz. glass jar	4 C	N
)-SED11	Total Organic Carbon	Sediment	11/12/2015	15:10	1	4-oz. glass jar	4 C	N
)-SED12	Total Organic Carbon	Sediment	11/12/2015	16:00	1	4-oz. glass jar	4 C	N
)-SED12	Total Organic Carbon	Sediment	11/12/2015	16:20	1	4-oz. glass jar	4 C	N

	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

y (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
...reen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	

Contact Name: Denis[illegible]en
Contact Phone: 732-4[illegible]14

Burlington
Lab Phone: 802-660-1990

ation	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
)-SED12	Total Organic Carbon	Sediment	11/12/2015	16:10	1	4-oz. glass jar	4 C	N
)-SED13	Total Organic Carbon	Sediment	11/13/2015	11:45	1	4-oz. glass jar	4 C	N
)-SED13	Total Organic Carbon	Sediment	11/13/2015	12:05	1	4-oz. glass jar	4 C	N
)-SED13	Total Organic Carbon	Sediment	11/13/2015	11:55	1	4-oz. glass jar	4 C	N
)-SED14	Total Organic Carbon	Sediment	11/13/2015	12:20	1	4-oz. glass jar	4 C	N
)-SED14	Total Organic Carbon	Sediment	11/13/2015	12:30	1	4-oz. glass jar	4 C	N
)-SED19	Total Organic Carbon	Sediment	11/12/2015	15:30	1	4-oz. glass jar	4 C	N
)-SED19	Total Organic Carbon	Sediment	11/12/2015	15:50	1	4-oz. glass jar	4 C	N
)-SED19	Total Organic Carbon	Sediment	11/12/2015	15:40	1	4-oz. glass jar	4 C	N

DB

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

(Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Green / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 200-30774-1
SDG Number: 200-30774-1

Login Number: 30774
List Number: 1
Creator: Callahan, Christopher G

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

REFERENCE 36

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-30776-1
TestAmerica Sample Delivery Group: 200-30776-1
Client Project/Site: Wappinger Creek

For:
Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837-3939

Attn: Mr. Scott Snyder

Authorized for release by:
11/24/2015 3:51:22 PM

Rayburn Lavigne, Project Manager II
(802)660-1990
rayburnj.lavigne@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Qualifiers

General Chemistry

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

Glossary

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

Job ID: 200-30776-1

Laboratory: TestAmerica Burlington

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wappinger Creek

Report Number: 200-30776-1

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.

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.

RECEIPT

The samples were received on 11/14/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.7º C.

TOTAL ORGANIC CARBON

Samples 0269-SED01-12-24, 0269-SED01-6-12, 0269-SED02-0-6, 0269-SED02-12-24, 0269-SED02-6-12, 0269-SED03-0-6, 0269-SED03-12-24, 0269-SED03-6-12, 0269-SED04-0-6, 0269-SED04-12-24, 0269-SED04-6-12, 0269-SED-05-0-6, 0269-SED05-12-24, 0269-SED-05-6-12, 0269-SED06-0-6, 0269-SED06-12-24, 0269-SED06-6-12, 0269-SED07-0-6, 0269-SED07-12-24, 0269-SED07-6-12 and 0269-SED01-06 were analyzed for total organic carbon in accordance with Lloyd Kahn Method. The samples were analyzed on 11/19/2015.

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

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED01-12-24 — Lab Sample ID: 200-30776-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	19000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED01-6-12 — Lab Sample ID: 200-30776-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	20600		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED02-0-6 — Lab Sample ID: 200-30776-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	34600		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED02-12-24 — Lab Sample ID: 200-30776-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	33800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED02-6-12 — Lab Sample ID: 200-30776-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	34400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED03-0-6 — Lab Sample ID: 200-30776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	32400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED03-12-24 — Lab Sample ID: 200-30776-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	35100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED03-6-12 — Lab Sample ID: 200-30776-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	34500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED04-0-6 — Lab Sample ID: 200-30776-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	41600		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED04-12-24 — Lab Sample ID: 200-30776-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	22300		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED04-6-12 — Lab Sample ID: 200-30776-11

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED04-6-12 (Continued) — Lab Sample ID: 200-30776-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	25500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED-05-0-6 — Lab Sample ID: 200-30776-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	24700		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED05-12-24 — Lab Sample ID: 200-30776-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	15400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED-05-6-12 — Lab Sample ID: 200-30776-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	16100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED06-0-6 — Lab Sample ID: 200-30776-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	12400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED06-12-24 — Lab Sample ID: 200-30776-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	11100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED06-6-12 — Lab Sample ID: 200-30776-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	19500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED07-0-6 — Lab Sample ID: 200-30776-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	35200		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30776-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	15400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED07-6-12 — Lab Sample ID: 200-30776-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	12500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED01-06 — Lab Sample ID: 200-30776-21

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED01-06 (Continued) — Lab Sample ID: 200-30776-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	19700		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED01-12-24 — Lab Sample ID: 200-30776-1

Date Collected: 11/11/15 14:00
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	19000		1000	390	mg/Kg			11/19/15 16:30	1

Client Sample ID: 0269-SED01-6-12 — Lab Sample ID: 200-30776-2

Date Collected: 11/11/15 13:45
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	20600		1000	390	mg/Kg			11/19/15 16:36	1

Client Sample ID: 0269-SED02-0-6 — Lab Sample ID: 200-30776-3

Date Collected: 11/11/15 15:00
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	34600		1000	390	mg/Kg			11/19/15 16:43	1

Client Sample ID: 0269-SED02-12-24 — Lab Sample ID: 200-30776-4

Date Collected: 11/11/15 15:30
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	33800		1000	390	mg/Kg			11/19/15 16:50	1

Client Sample ID: 0269-SED02-6-12 — Lab Sample ID: 200-30776-5

Date Collected: 11/11/15 15:20
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	34400		1000	390	mg/Kg			11/19/15 16:57	1

Client Sample ID: 0269-SED03-0-6 — Lab Sample ID: 200-30776-6

Date Collected: 11/11/15 17:00
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	32400		1000	390	mg/Kg			11/19/15 17:03	1

Client Sample ID: 0269-SED03-12-24 — Lab Sample ID: 200-30776-7

Date Collected: 11/11/15 17:20
Date Received: 11/14/15 09:30
Matrix: Sediment

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	35100		1000	390	mg/Kg			11/19/15 17:10	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED03-6-12 — Lab Sample ID: 200-30776-8

Date Collected: 11/11/15 17:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	34500		1000	390	mg/Kg			11/19/15 17:17	1

Client Sample ID: 0269-SED04-0-6 — Lab Sample ID: 200-30776-9

Date Collected: 11/11/15 16:25 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	41600		1000	390	mg/Kg			11/19/15 17:24	1

Client Sample ID: 0269-SED04-12-24 — Lab Sample ID: 200-30776-10

Date Collected: 11/11/15 16:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	22300		1000	390	mg/Kg			11/19/15 17:30	1

Client Sample ID: 0269-SED04-6-12 — Lab Sample ID: 200-30776-11

Date Collected: 11/11/15 16:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	25500		1000	390	mg/Kg			11/19/15 17:38	1

Client Sample ID: 0269-SED-05-0-6 — Lab Sample ID: 200-30776-12

Date Collected: 11/11/15 17:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	24700		1000	390	mg/Kg			11/19/15 17:44	1

Client Sample ID: 0269-SED05-12-24 — Lab Sample ID: 200-30776-13

Date Collected: 11/11/15 17:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15400		1000	390	mg/Kg			11/19/15 17:51	1

Client Sample ID: 0269-SED-05-6-12 — Lab Sample ID: 200-30776-14

Date Collected: 11/11/15 17:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	16100		1000	390	mg/Kg			11/19/15 18:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED06-0-6 — Lab Sample ID: 200-30776-15

Date Collected: 11/12/15 10:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12400		1000	390	mg/Kg			11/19/15 18:21	1

Client Sample ID: 0269-SED06-12-24 — Lab Sample ID: 200-30776-16

Date Collected: 11/12/15 10:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	11100		1000	390	mg/Kg			11/19/15 18:28	1

Client Sample ID: 0269-SED06-6-12 — Lab Sample ID: 200-30776-17

Date Collected: 11/12/15 10:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	19500		1000	390	mg/Kg			11/19/15 18:36	1

Client Sample ID: 0269-SED07-0-6 — Lab Sample ID: 200-30776-18

Date Collected: 11/12/15 10:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	35200		1000	390	mg/Kg			11/19/15 18:44	1

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30776-19

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15400		1000	390	mg/Kg			11/19/15 18:51	1

Client Sample ID: 0269-SED07-6-12 — Lab Sample ID: 200-30776-20

Date Collected: 11/12/15 10:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	12500		1000	390	mg/Kg			11/19/15 18:59	1

Client Sample ID: 0269-SED01-06 — Lab Sample ID: 200-30776-21

Date Collected: 11/11/15 13:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	19700		1000	390	mg/Kg			11/19/15 20:02	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 200-97311/31
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/19/15 19:20	1

Lab Sample ID: MB 200-97311/5
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/19/15 15:50	1

Lab Sample ID: LCS 200-97311/32
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	20250		mg/Kg		101	75 - 125

Lab Sample ID: LCS 200-97311/6
Matrix: Sediment
Analysis Batch: 97311

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	20100	19780		mg/Kg		98	75 - 125

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

General Chemistry

Analysis Batch: 97311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30776-1	0269-SED01-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-2	0269-SED01-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-3	0269-SED02-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-4	0269-SED02-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-5	0269-SED02-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-6	0269-SED03-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-7	0269-SED03-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-8	0269-SED03-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-9	0269-SED04-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-10	0269-SED04-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-11	0269-SED04-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-12	0269-SED-05-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-13	0269-SED05-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-14	0269-SED-05-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-15	0269-SED06-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-16	0269-SED06-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-17	0269-SED06-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-18	0269-SED07-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30776-19	0269-SED07-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30776-20	0269-SED07-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30776-21	0269-SED01-06	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97311/32	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97311/6	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
MB 200-97311/31	Method Blank	Total/NA	Sediment	Lloyd Kahn	
MB 200-97311/5	Method Blank	Total/NA	Sediment	Lloyd Kahn	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED01-12-24 — Lab Sample ID: 200-30776-1

Date Collected: 11/11/15 14:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 16:30	KSH	TAL BUR

Client Sample ID: 0269-SED01-6-12 — Lab Sample ID: 200-30776-2

Date Collected: 11/11/15 13:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 16:36	KSH	TAL BUR

Client Sample ID: 0269-SED02-0-6 — Lab Sample ID: 200-30776-3

Date Collected: 11/11/15 15:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 16:43	KSH	TAL BUR

Client Sample ID: 0269-SED02-12-24 — Lab Sample ID: 200-30776-4

Date Collected: 11/11/15 15:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 16:50	KSH	TAL BUR

Client Sample ID: 0269-SED02-6-12 — Lab Sample ID: 200-30776-5

Date Collected: 11/11/15 15:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 16:57	KSH	TAL BUR

Client Sample ID: 0269-SED03-0-6 — Lab Sample ID: 200-30776-6

Date Collected: 11/11/15 17:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:03	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED03-12-24 — Lab Sample ID: 200-30776-7

Date Collected: 11/11/15 17:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:10	KSH	TAL BUR

Client Sample ID: 0269-SED03-6-12 — Lab Sample ID: 200-30776-8

Date Collected: 11/11/15 17:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:17	KSH	TAL BUR

Client Sample ID: 0269-SED04-0-6 — Lab Sample ID: 200-30776-9

Date Collected: 11/11/15 16:25 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:24	KSH	TAL BUR

Client Sample ID: 0269-SED04-12-24 — Lab Sample ID: 200-30776-10

Date Collected: 11/11/15 16:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:30	KSH	TAL BUR

Client Sample ID: 0269-SED04-6-12 — Lab Sample ID: 200-30776-11

Date Collected: 11/11/15 16:30 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:38	KSH	TAL BUR

Client Sample ID: 0269-SED-05-0-6 — Lab Sample ID: 200-30776-12

Date Collected: 11/11/15 17:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:44	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED05-12-24 — Lab Sample ID: 200-30776-13

Date Collected: 11/11/15 17:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 17:51	KSH	TAL BUR

Client Sample ID: 0269-SED-05-6-12 — Lab Sample ID: 200-30776-14

Date Collected: 11/11/15 17:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:13	KSH	TAL BUR

Client Sample ID: 0269-SED06-0-6 — Lab Sample ID: 200-30776-15

Date Collected: 11/12/15 10:00 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:21	KSH	TAL BUR

Client Sample ID: 0269-SED06-12-24 — Lab Sample ID: 200-30776-16

Date Collected: 11/12/15 10:20 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:28	KSH	TAL BUR

Client Sample ID: 0269-SED06-6-12 — Lab Sample ID: 200-30776-17

Date Collected: 11/12/15 10:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:36	KSH	TAL BUR

Client Sample ID: 0269-SED07-0-6 — Lab Sample ID: 200-30776-18

Date Collected: 11/12/15 10:45 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:44	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Client Sample ID: 0269-SED07-12-24 — Lab Sample ID: 200-30776-19

Date Collected: 11/12/15 11:10 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:51	KSH	TAL BUR

Client Sample ID: 0269-SED07-6-12 — Lab Sample ID: 200-30776-20

Date Collected: 11/12/15 10:55 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 18:59	KSH	TAL BUR

Client Sample ID: 0269-SED01-06 — Lab Sample ID: 200-30776-21

Date Collected: 11/11/15 13:35 — **Matrix: Sediment**
Date Received: 11/14/15 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97311	11/19/15 20:02	KSH	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-16
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-16
Pennsylvania	NELAP	3	68-00489	04-30-16
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Method	Method Description	Protocol	Laboratory
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30776-1
SDG: 200-30776-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-30776-1	0269-SED01-12-24	Sediment	11/11/15 14:00	11/14/15 09:30
200-30776-2	0269-SED01-6-12	Sediment	11/11/15 13:45	11/14/15 09:30
200-30776-3	0269-SED02-0-6	Sediment	11/11/15 15:00	11/14/15 09:30
200-30776-4	0269-SED02-12-24	Sediment	11/11/15 15:30	11/14/15 09:30
200-30776-5	0269-SED02-6-12	Sediment	11/11/15 15:20	11/14/15 09:30
200-30776-6	0269-SED03-0-6	Sediment	11/11/15 17:00	11/14/15 09:30
200-30776-7	0269-SED03-12-24	Sediment	11/11/15 17:20	11/14/15 09:30
200-30776-8	0269-SED03-6-12	Sediment	11/11/15 17:10	11/14/15 09:30
200-30776-9	0269-SED04-0-6	Sediment	11/11/15 16:25	11/14/15 09:30
200-30776-10	0269-SED04-12-24	Sediment	11/11/15 16:35	11/14/15 09:30
200-30776-11	0269-SED04-6-12	Sediment	11/11/15 16:30	11/14/15 09:30
200-30776-12	0269-SED-05-0-6	Sediment	11/11/15 17:35	11/14/15 09:30
200-30776-13	0269-SED05-12-24	Sediment	11/11/15 17:55	11/14/15 09:30
200-30776-14	0269-SED-05-6-12	Sediment	11/11/15 17:45	11/14/15 09:30
200-30776-15	0269-SED06-0-6	Sediment	11/12/15 10:00	11/14/15 09:30
200-30776-16	0269-SED06-12-24	Sediment	11/12/15 10:20	11/14/15 09:30
200-30776-17	0269-SED06-6-12	Sediment	11/12/15 10:10	11/14/15 09:30
200-30776-18	0269-SED07-0-6	Sediment	11/12/15 10:45	11/14/15 09:30
200-30776-19	0269-SED07-12-24	Sediment	11/12/15 11:10	11/14/15 09:30
200-30776-20	0269-SED07-6-12	Sediment	11/12/15 10:55	11/14/15 09:30
200-30776-21	0269-SED01-06	Sediment	11/11/15 13:35	11/14/15 09:30

USEPA

DateShipped: 11/13/2015

CarrierName: FedEx

AirbillNo: 804467752016

CHAIN OF CUSTODY RECORD

Site #: A25J

Contact Name: Denise Breen

Contact Phone: 732-417-5814

No: 2-111315-085945-0018

Cooler #: 1

Lab: TestAmerica Laboratories, Inc - South Burlington

Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED01-12-24	0269-SED01	Total Organic Carbon	Sediment	11/11/2015	14:00	1	4-oz. glass jar	4 C	N
	0269-SED01-6-12	0269-SED01	Total Organic Carbon	Sediment	11/11/2015	13:45	1	4-oz. glass jar	4 C	N
	0269-SED02-0-6	0269-SED02	Total Organic Carbon	Sediment	11/11/2015	15:00	1	4-oz. glass jar	4 C	N
	0269-SED02-12-24	0269-SED02	Total Organic Carbon	Sediment	11/11/2015	15:30	1	4-oz. glass jar	4 C	N
	0269-SED02-6-12	0269-SED02	Total Organic Carbon	Sediment	11/11/2015	15:20	1	4-oz. glass jar	4 C	N
	0269-SED03-0-6	0269-SED03	Total Organic Carbon	Sediment	11/11/2015	17:00	1	4-oz. glass jar	4 C	N
	0269-SED03-12-24	0269-SED03	Total Organic Carbon	Sediment	11/11/2015	17:20	1	4-oz. glass jar	4 C	N
	0269-SED03-6-12	0269-SED03	Total Organic Carbon	Sediment	11/11/2015	17:10	1	4-oz. glass jar	4 C	N
	0269-SED04-0-6	0269-SED04	Total Organic Carbon	Sediment	11/11/2015	16:25	1	4-oz. glass jar	4 C	N
	0269-SED04-12-24	0269-SED04	Total Organic Carbon	Sediment	11/11/2015	16:35	1	4-oz. glass jar	4 C	N
	0269-SED04-6-12	0269-SED04	Total Organic Carbon	Sediment	11/11/2015	16:30	1	4-oz. glass jar	4 C	N
	0269-SED05-0-6	0269-SED05	Total Organic Carbon	Sediment	11/11/2015	17:35	1	4-oz. glass jar	4 C	N
	0269-SED05-12-24	0269-SED05	Total Organic Carbon	Sediment	11/11/2015	17:55	1	4-oz. glass jar	4 C	N
	0269-SED05-6-12	0269-SED05	Total Organic Carbon	Sediment	11/11/2015	17:45	1	4-oz. glass jar	4 C	N

Special Instructions: PO #: 0089956. 4.7°C Intact

200-30776 Chain of Custody

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			Scott Z TABUR	11/14/15 0930	Intact

USEPA

DateShipped: 11/13/2015

CarrierName: FedEx

AirbillNo: 804467752016

CHAIN OF CUSTODY RECORD

Site #: A25J

Contact Name: Denise Breen

Contact Phone: 732-417-5814

No: 2-111315-085945-0018

Cooler #: 1

Lab: TestAmerica Laboratories, Inc - South Burlington

Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED06-0-6	0269-SED06	Total Organic Carbon	Sediment	11/12/2015	10:00	1	4-oz. glass jar	4 C	N
	0269-SED06-12-24	0269-SED06	Total Organic Carbon	Sediment	11/12/2015	10:20	1	4-oz. glass jar	4 C	N
	0269-SED06-6-12	0269-SED06	Total Organic Carbon	Sediment	11/12/2015	10:10	1	4-oz. glass jar	4 C	N
	0269-SED07-0-6	0269-SED07	Total Organic Carbon	Sediment	11/12/2015	10:45	1	4-oz. glass jar	4 C	N
	0269-SED07-12-24	0269-SED07	Total Organic Carbon	Sediment	11/12/2015	11:10	1	4-oz. glass jar	4 C	N
	0269-SED07-6-12	0269-SED07	Total Organic Carbon	Sediment	11/12/2015	10:55	1	4-oz. glass jar	4 C	N
	0269-SED01-0-6	0269-SED01	Total Organic Carbon	Sediment	11/11/15	13:35	1	4-oz glass jar	4C	N

DB

Special Instructions: PO #: 0089956.

4.7 °C

SFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			Scott Z TABUR	11/14/15 0930	Intact

FedEx Express NEW Package US Airbill

FedEx Tracking Number 8044 6775 2016

1 From

Date 11/13/15 [redacted]

Sender's Name Denise Breen Phone 732 417-5814

Company Weston Solutions, Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference 20408.010.004.0269.00

3 To

Recipient's Name R.J Lavigne Phone 802 923 1024

Company Test America Burlington

Address 30 Community Dr.

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City South Burlington State VT ZIP 05403

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

fedex.com 1.800.GoFedEx 1.800.463.3339

FZ

RT 87

8044 6775 2016

ORIGIN ID:SWFA

UNITED STATES US

SHIP DATE: 13NOV15
ACTWGT: 42.10 LB
CAD: /POS1621
DIMS: 24x14x14 IN

BILL THIRD PARTY

Part # 156297-435 RT12 03/15

4 TO R.J LAVIGNE
TEST AMERICA BURLINGTON
30 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 05403
(802) 923-1024 REF:
INV:
PO: DEPT:

FedEx Express

E

J15301509100 1uv

1 of 2

TRK# 0200 8044 6775 2016

MASTER

X0 BTVA

SATURDAY 12:00P
PRIORITY OVERNIGHT
DSR
05403
VT-US BTV

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 200-30776-1
SDG Number: 200-30776-1

Login Number: 30776
List Number: 1
Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.7ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

REFERENCE 37

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

TestAmerica Job ID: 200-30812-1
TestAmerica Sample Delivery Group: 200-30812
Client Project/Site: Wappinger Creek

For:
Weston Solutions, Inc.
205 Campus Drive
Edison, New Jersey 08837-3939

Attn: Mr. Scott Snyder

Authorized for release by:
11/27/2015 12:37:34 PM
Kathryn Kelly, Project Manager I
kathryn.kelly@testamericainc.com

Designee for

Rayburn Lavigne, Project Manager II
(802)660-1990
rayburnj.lavigne@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Qualifiers

General Chemistry

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

Glossary

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

Job ID: 200-30812-1

Laboratory: TestAmerica Burlington

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wappinger Creek

Report Number: 200-30812-1

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.

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.

RECEIPT

The samples were received on 11/17/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.5º C.

TOTAL ORGANIC CARBON

Samples 0269-SED15-0-6, 0269-SED15-12-24, 0269-SED15-6-12, 0269-SED16-0-6, 0269-SED16-12-24, 0269-SED16-6-12, 0269-SED17-0-6, 0269-SED17-12-24, 0269-SED17-6-12, 0269-SED18-0-6, 0269-SED18-12-24, 0269-SED18-6-12, 0269-SED20-0-6, 0269-SED20-12-24, 0269-SED20-6-12, 0269-SED21-0-6, 0269-SED21-12-24 and 0269-SED21-6-12 were analyzed for total organic carbon in accordance with Lloyd Kahn Method. The samples were analyzed on 11/23/2015.

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

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED15-0-6 — Lab Sample ID: 200-30812-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	57000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED15-12-24 — Lab Sample ID: 200-30812-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	27900		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED15-6-12 — Lab Sample ID: 200-30812-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	42100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED16-0-6 — Lab Sample ID: 200-30812-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	57600		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED16-12-24 — Lab Sample ID: 200-30812-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	31800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED16-6-12 — Lab Sample ID: 200-30812-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	31400		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED17-0-6 — Lab Sample ID: 200-30812-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	23100		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED17-12-24 — Lab Sample ID: 200-30812-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	20800		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED17-6-12 — Lab Sample ID: 200-30812-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	24500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED18-0-6 — Lab Sample ID: 200-30812-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	8740		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED18-12-24 — Lab Sample ID: 200-30812-11

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED18-12-24 (Continued) — Lab Sample ID: 200-30812-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	7540		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED18-6-12 — Lab Sample ID: 200-30812-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	43000		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED20-0-6 — Lab Sample ID: 200-30812-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	1500		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED20-12-24 — Lab Sample ID: 200-30812-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	17900		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED20-6-12 — Lab Sample ID: 200-30812-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	5260		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED21-0-6 — Lab Sample ID: 200-30812-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	8440		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED21-12-24 — Lab Sample ID: 200-30812-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	7470		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: 0269-SED21-6-12 — Lab Sample ID: 200-30812-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	1110		1000	390	mg/Kg	1		Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED15-0-6 — Lab Sample ID: 200-30812-1

Date Collected: 11/16/15 09:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	57000		1000	390	mg/Kg			11/23/15 15:15	1

Client Sample ID: 0269-SED15-12-24 — Lab Sample ID: 200-30812-2

Date Collected: 11/16/15 10:10 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	27900		1000	390	mg/Kg			11/23/15 15:22	1

Client Sample ID: 0269-SED15-6-12 — Lab Sample ID: 200-30812-3

Date Collected: 11/16/15 10:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	42100		1000	390	mg/Kg			11/23/15 15:28	1

Client Sample ID: 0269-SED16-0-6 — Lab Sample ID: 200-30812-4

Date Collected: 11/16/15 10:30 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	57600		1000	390	mg/Kg			11/23/15 15:35	1

Client Sample ID: 0269-SED16-12-24 — Lab Sample ID: 200-30812-5

Date Collected: 11/16/15 10:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	31800		1000	390	mg/Kg			11/23/15 15:41	1

Client Sample ID: 0269-SED16-6-12 — Lab Sample ID: 200-30812-6

Date Collected: 11/16/15 10:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	31400		1000	390	mg/Kg			11/23/15 15:48	1

Client Sample ID: 0269-SED17-0-6 — Lab Sample ID: 200-30812-7

Date Collected: 11/16/15 11:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	23100		1000	390	mg/Kg			11/23/15 15:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED17-12-24 — Lab Sample ID: 200-30812-8

Date Collected: 11/16/15 12:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	20800		1000	390	mg/Kg			11/23/15 16:01	1

Client Sample ID: 0269-SED17-6-12 — Lab Sample ID: 200-30812-9

Date Collected: 11/16/15 11:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	24500		1000	390	mg/Kg			11/23/15 16:08	1

Client Sample ID: 0269-SED18-0-6 — Lab Sample ID: 200-30812-10

Date Collected: 11/16/15 12:15 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	8740		1000	390	mg/Kg			11/23/15 16:14	1

Client Sample ID: 0269-SED18-12-24 — Lab Sample ID: 200-30812-11

Date Collected: 11/16/15 12:35 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7540		1000	390	mg/Kg			11/23/15 16:21	1

Client Sample ID: 0269-SED18-6-12 — Lab Sample ID: 200-30812-12

Date Collected: 11/16/15 12:25 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	43000		1000	390	mg/Kg			11/23/15 16:27	1

Client Sample ID: 0269-SED20-0-6 — Lab Sample ID: 200-30812-13

Date Collected: 11/16/15 16:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1500		1000	390	mg/Kg			11/23/15 16:34	1

Client Sample ID: 0269-SED20-12-24 — Lab Sample ID: 200-30812-14

Date Collected: 11/16/15 16:20 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	17900		1000	390	mg/Kg			11/23/15 16:41	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED20-6-12 — Lab Sample ID: 200-30812-15

Date Collected: 11/16/15 16:10 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5260		1000	390	mg/Kg			11/23/15 17:01	1

Client Sample ID: 0269-SED21-0-6 — Lab Sample ID: 200-30812-16

Date Collected: 11/16/15 16:30 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	8440		1000	390	mg/Kg			11/23/15 17:07	1

Client Sample ID: 0269-SED21-12-24 — Lab Sample ID: 200-30812-17

Date Collected: 11/16/15 16:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	7470		1000	390	mg/Kg			11/23/15 17:14	1

Client Sample ID: 0269-SED21-6-12 — Lab Sample ID: 200-30812-18

Date Collected: 11/16/15 16:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1110		1000	390	mg/Kg			11/23/15 17:20	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 200-97467/5
Matrix: Sediment
Analysis Batch: 97467

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	390	mg/Kg			11/23/15 14:36	1

Lab Sample ID: LCS 200-97467/6
Matrix: Sediment
Analysis Batch: 97467

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			20100	19020		mg/Kg		95	75 - 125		

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

General Chemistry

Analysis Batch: 97467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-30812-1	0269-SED15-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-2	0269-SED15-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-3	0269-SED15-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30812-4	0269-SED16-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-5	0269-SED16-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-6	0269-SED16-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30812-7	0269-SED17-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-8	0269-SED17-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-9	0269-SED17-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30812-10	0269-SED18-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-11	0269-SED18-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-12	0269-SED18-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30812-13	0269-SED20-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-14	0269-SED20-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-15	0269-SED20-6-12	Total/NA	Sediment	Lloyd Kahn	
200-30812-16	0269-SED21-0-6	Total/NA	Sediment	Lloyd Kahn	
200-30812-17	0269-SED21-12-24	Total/NA	Sediment	Lloyd Kahn	
200-30812-18	0269-SED21-6-12	Total/NA	Sediment	Lloyd Kahn	
LCS 200-97467/6	Lab Control Sample	Total/NA	Sediment	Lloyd Kahn	
MB 200-97467/5	Method Blank	Total/NA	Sediment	Lloyd Kahn	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED15-0-6 — Lab Sample ID: 200-30812-1

Date Collected: 11/16/15 09:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:15	KSH	TAL BUR

Client Sample ID: 0269-SED15-12-24 — Lab Sample ID: 200-30812-2

Date Collected: 11/16/15 10:10 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:22	KSH	TAL BUR

Client Sample ID: 0269-SED15-6-12 — Lab Sample ID: 200-30812-3

Date Collected: 11/16/15 10:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:28	KSH	TAL BUR

Client Sample ID: 0269-SED16-0-6 — Lab Sample ID: 200-30812-4

Date Collected: 11/16/15 10:30 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:35	KSH	TAL BUR

Client Sample ID: 0269-SED16-12-24 — Lab Sample ID: 200-30812-5

Date Collected: 11/16/15 10:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:41	KSH	TAL BUR

Client Sample ID: 0269-SED16-6-12 — Lab Sample ID: 200-30812-6

Date Collected: 11/16/15 10:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:48	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED17-0-6 — Lab Sample ID: 200-30812-7

Date Collected: 11/16/15 11:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 15:55	KSH	TAL BUR

Client Sample ID: 0269-SED17-12-24 — Lab Sample ID: 200-30812-8

Date Collected: 11/16/15 12:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:01	KSH	TAL BUR

Client Sample ID: 0269-SED17-6-12 — Lab Sample ID: 200-30812-9

Date Collected: 11/16/15 11:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:08	KSH	TAL BUR

Client Sample ID: 0269-SED18-0-6 — Lab Sample ID: 200-30812-10

Date Collected: 11/16/15 12:15 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:14	KSH	TAL BUR

Client Sample ID: 0269-SED18-12-24 — Lab Sample ID: 200-30812-11

Date Collected: 11/16/15 12:35 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:21	KSH	TAL BUR

Client Sample ID: 0269-SED18-6-12 — Lab Sample ID: 200-30812-12

Date Collected: 11/16/15 12:25 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:27	KSH	TAL BUR

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Client Sample ID: 0269-SED20-0-6 — Lab Sample ID: 200-30812-13

Date Collected: 11/16/15 16:00 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:34	KSH	TAL BUR

Client Sample ID: 0269-SED20-12-24 — Lab Sample ID: 200-30812-14

Date Collected: 11/16/15 16:20 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 16:41	KSH	TAL BUR

Client Sample ID: 0269-SED20-6-12 — Lab Sample ID: 200-30812-15

Date Collected: 11/16/15 16:10 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 17:01	KSH	TAL BUR

Client Sample ID: 0269-SED21-0-6 — Lab Sample ID: 200-30812-16

Date Collected: 11/16/15 16:30 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 17:07	KSH	TAL BUR

Client Sample ID: 0269-SED21-12-24 — Lab Sample ID: 200-30812-17

Date Collected: 11/16/15 16:50 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 17:14	KSH	TAL BUR

Client Sample ID: 0269-SED21-6-12 — Lab Sample ID: 200-30812-18

Date Collected: 11/16/15 16:40 — **Matrix: Sediment**
Date Received: 11/17/15 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Lloyd Kahn		1	97467	11/23/15 17:20	KSH	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-17 *
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-16
Florida	NELAP	4	E87467	06-30-16
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-17
Minnesota	NELAP	5	050-999-436	12-31-15
New Hampshire	NELAP	1	2006	12-18-15
New Jersey	NELAP	2	VT972	06-30-16
Pennsylvania	NELAP	3	68-00489	04-30-16
Rhode Island	State Program	1	LAO00298	12-30-15
US Fish & Wildlife	Federal		LE-058448-0	02-28-16
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-15
Virginia	NELAP	3	460209	12-14-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Method	Method Description	Protocol	Laboratory
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wappinger Creek

TestAmerica Job ID: 200-30812-1
SDG: 200-30812

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
200-30812-1	0269-SED15-0-6	Sediment	11/16/15 09:50	11/17/15 10:15
200-30812-2	0269-SED15-12-24	Sediment	11/16/15 10:10	11/17/15 10:15
200-30812-3	0269-SED15-6-12	Sediment	11/16/15 10:00	11/17/15 10:15
200-30812-4	0269-SED16-0-6	Sediment	11/16/15 10:30	11/17/15 10:15
200-30812-5	0269-SED16-12-24	Sediment	11/16/15 10:50	11/17/15 10:15
200-30812-6	0269-SED16-6-12	Sediment	11/16/15 10:40	11/17/15 10:15
200-30812-7	0269-SED17-0-6	Sediment	11/16/15 11:40	11/17/15 10:15
200-30812-8	0269-SED17-12-24	Sediment	11/16/15 12:00	11/17/15 10:15
200-30812-9	0269-SED17-6-12	Sediment	11/16/15 11:50	11/17/15 10:15
200-30812-10	0269-SED18-0-6	Sediment	11/16/15 12:15	11/17/15 10:15
200-30812-11	0269-SED18-12-24	Sediment	11/16/15 12:35	11/17/15 10:15
200-30812-12	0269-SED18-6-12	Sediment	11/16/15 12:25	11/17/15 10:15
200-30812-13	0269-SED20-0-6	Sediment	11/16/15 16:00	11/17/15 10:15
200-30812-14	0269-SED20-12-24	Sediment	11/16/15 16:20	11/17/15 10:15
200-30812-15	0269-SED20-6-12	Sediment	11/16/15 16:10	11/17/15 10:15
200-30812-16	0269-SED21-0-6	Sediment	11/16/15 16:30	11/17/15 10:15
200-30812-17	0269-SED21-12-24	Sediment	11/16/15 16:50	11/17/15 10:15
200-30812-18	0269-SED21-6-12	Sediment	11/16/15 16:40	11/17/15 10:15

USEPA

DateShipped: 11/16/2015

CarrierName: FedEx

AirbillNo: 8088 5684 8460

CHAIN OF CUSTODY RECORD

Site #: A25J

Contact Name: Denise Breen

Contact Phone: 732-417-5814

No: 2-111615-155811-

Cooler #: 1

Lab: TestAmerica Laboratories, Inc - So
Burlingt

Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED15-0-6	0269-SED15	Total Organic Carbon	Sediment	11/16/2015	09:50	1	4-oz. glass jar	4 C	N
	0269-SED15-12-24	0269-SED15	Total Organic Carbon	Sediment	11/16/2015	10:10	1	4-oz. glass jar	4 C	N
	0269-SED15-6-12	0269-SED15	Total Organic Carbon	Sediment	11/16/2015	10:00	1	4-oz. glass jar	4 C	N
	0269-SED16-0-6	0269-SED16	Total Organic Carbon	Sediment	11/16/2015	10:30	1	4-oz. glass jar	4 C	N
	0269-SED16-12-24	0269-SED16	Total Organic Carbon	Sediment	11/16/2015	10:50	1	4-oz. glass jar	4 C	N
	0269-SED16-6-12	0269-SED16	Total Organic Carbon	Sediment	11/16/2015	10:40	1	4-oz. glass jar	4 C	N
	0269-SED17-0-6	0269-SED17	Total Organic Carbon	Sediment	11/16/2015	11:40	1	4-oz. glass jar	4 C	N
	0269-SED17-12-24	0269-SED17	Total Organic Carbon	Sediment	11/16/2015	12:00	1	4-oz. glass jar	4 C	N
	0269-SED17-6-12	0269-SED17	Total Organic Carbon	Sediment	11/16/2015	11:50	1	4-oz. glass jar	4 C	N
	0269-SED18-0-6	0269-SED18	Total Organic Carbon	Sediment	11/16/2015	12:15	1	4-oz. glass jar	4 C	N
	0269-SED18-12-24	0269-SED18	Total Organic Carbon	Sediment	11/16/2015	12:35	1	4-oz. glass jar	4 C	N
	0269-SED18-6-12	0269-SED18	Total Organic Carbon	Sediment	11/16/2015	12:25	1	4-oz. glass jar	4 C	N
	0269-SED20-0-6	0269-SED20	Total Organic Carbon	Sediment	11/16/2015	16:00	1	4-oz. glass jar	4 C	N
	0269-SED20-12-24	0269-SED20	Total Organic Carbon	Sediment	11/16/2015	16:20	1	4-oz. glass jar	4 C	N

Special Instructions: PO #:0089956 - Wappinger Creek

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/16/15 1800	FEDEX	11/16/15 1800	
			[signature] NOBIV	11/17/15 1015	INTACT 2.5°C

200-30812 Chain of Custody

USEPA

DateShipped: 11/16/2015

CarrierName: FedEx

AirbillNo: 8088 5684 8460

CHAIN OF CUSTODY RECORD

Site #: A25J

Contact Name: Denise Breen

Contact Phone: 732-417-5814

No: 2-111615-155811-0030

Cooler #: 1 of 1

Lab: TestAmerica Laboratories, Inc - South Burlington

Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED20-6-12	0269-SED20	Total Organic Carbon	Sediment	11/16/2015	16:10	1	4-oz. glass jar	4 C	N
	0269-SED21-0-6	0269-SED21	Total Organic Carbon	Sediment	11/16/2015	16:30	1	4-oz. glass jar	4 C	N
	0269-SED21-12-24	0269-SED21	Total Organic Carbon	Sediment	11/16/2015	16:50	1	4-oz. glass jar	4 C	N
	0269-SED21-6-12	0269-SED21	Total Organic Carbon	Sediment	11/16/2015	16:40	1	4-oz. glass jar	4 C	N

Special Instructions: PO #:0089956 - Wappinger Creek

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Green/WESTON	11/16/15 1800	FEDEX	11/16/15 1800	
			TABIV	11/17/15 1015	IMPACT 2.5°C

Do Not Lift Using This Tab

fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express — Package US Airbill

FedEx Tracking Number 8088 5684 8460

Form ID No. 0200

1 From

Date 11/16/15

Sender's Name Denise Breen Phone 732 4175814

Company Weston Solutions Inc.

Address 205 Campus Dr.

Dept./Floor/Suite/Room

City Edison State NJ ZIP 08837

2 Your Internal Billing Reference 20408.016.004.0269.00

3 To

Recipient's Name R.J Lavigne Phone 802 923-1054

Company Test America Burlington

Address 30 Community Dr. Suite 11

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City South Burlington State VT ZIP 05403

☐ Hold Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

☐ Hold Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8088 5684 8460

4 Express Package Service * To most locations.

Next Business Day

☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☑ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or

☐ FedE Secon Saturd

☐ FedE Secon will b Delive

☐ Fedl Th Sa

5 Packaging * Declared value limit $500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐

6 Special Handling and Delivery Signature

☐ Saturday Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

☑ Direct Signatur — Someone at recipient may sign for delivery.

Does this shipment contain dangerous goods? One box must be checked.

☑ No ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required.

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credi

☐ Sender — Acct. No. in Section 1 will be billed. ☐ Recipient ☑ Third Pa

Total Packages 1 Total Weight 37 lbs.

†Our liability is limited to US$100 unless you declare a higher value. See the curre

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 200-30812-1
SDG Number: 200-30812

Login Number: 30812
List Number: 1
Creator: Lavigne III, Scott M

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

REFERENCE 38

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

December 01, 2015

Project: Wappinger Creek

Submittal Date: 11/13/2015
Group Number: 1609439
PO Number: 0089959
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
0269-RIN04 Water	8134945
0269-SED01-0-6 Sediment	8134946
0269-SED01-12-24 Sediment	8134947
0269-SED01-6-12 Sediment	8134948
0269-SED02-0-6 Sediment	8134949
0269-SED02-12-24 Sediment	8134950
0269-SED02-6-12 Sediment	8134951
0269-SED03-0-6 Sediment	8134952
0269-SED03-12-24 Sediment	8134953
0269-SED03-6-12 Sediment	8134954
0269-SED04-0-6 Sediment	8134955
0269-SED04-12-24 Sediment	8134956
0269-SED04-6-12 Sediment	8134957
0269-SED05-0-6 Sediment	8134958
0269-SED05-12-24 Sediment	8134959
0269-SED05-6-12 Sediment	8134960
0269-SED06-0-6 Sediment	8134961
0269-SED06-6-12 Sediment	8134963
0269-SED22-0-6 Sediment	8134964

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO Weston Solutions, Inc. Attn: Scott Snyder

ELECTRONIC COPY TO Weston Solutions, Inc. Attn: Denise Breen

Respectfully Submitted,

Katherine A. Klinefelter

Katherine A. Klinefelter
Principal Specialist

(717) 556-7256

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Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-RIN04 Water
Wappinger Creek

LL Sample # WW 8134945
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 08:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPPRB

CAT No.	Analysis Name	CAS Number	Result		EDL*	MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		pg/l		pg/l	pg/l	
12936	2378-TCDD	1746-01-6	N.D.		0.485	2.20	1
12936	12378-PeCDD	40321-76-4	0.355	J	0.303	11.0	1
12936	123478-HxCDD	39227-28-6	N.D.		0.135	11.0	1
12936	123678-HxCDD	57653-85-7	N.D.		0.143	11.0	1
12936	123789-HxCDD	19408-74-3	0.360	JBQ	0.132	11.0	1
12936	1234678-HpCDD	35822-46-9	0.424	JBQ	0.183	11.0	1
12936	OCDD	3268-87-9	9.54	JB	0.415	22.0	1
12936	2378-TCDF	51207-31-9	N.D.		0.261	2.20	1
12936	12378-PeCDF	57117-41-6	N.D.		0.153	11.0	1
12936	23478-PeCDF	57117-31-4	N.D.		0.130	11.0	1
12936	123478-HxCDF	70648-26-9	0.311	JBQ	0.174	11.0	1
12936	123678-HxCDF	57117-44-9	0.281	JBQ	0.168	11.0	1
12936	123789-HxCDF	72918-21-9	0.532	JBQ	0.161	11.0	1
12936	234678-HxCDF	60851-34-5	N.D.		0.152	11.0	1
12936	1234678-HpCDF	67562-39-4	0.602	JB	0.0727	11.0	1
12936	1234789-HpCDF	55673-89-7	0.207	JBQ	0.0854	11.0	1
12936	OCDF	39001-02-0	1.86	JQ	0.360	22.0	1

Labeled Compounds	%Rec	Windows
13C12-2378-TCDD	49	40 - 135
13C12-12378-PeCDD	72	40 - 135
13C12-123478-HxCDD	62	40 - 135
13C12-123678-HxCDD	60	40 - 135
13C12-123789-HxCDD	65	40 - 135
13C12-1234678-HpCDD	55	40 - 135
13C12-OCDD	45	40 - 135
13C12-2378-TCDF	45	40 - 135
13C12-12378-PeCDF	61	40 - 135
13C12-23478-PeCDF	69	40 - 135
13C12-123478-HxCDF	54	40 - 135
13C12-123678-HxCDF	54	40 - 135
13C12-234678-HxCDF	61	40 - 135
13C12-123789-HxCDF	61	40 - 135
13C12-1234678-HpCDF	51	40 - 135
13C12-1234789-HpCDF	53	40 - 135
13C12-OCDF	42	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Lancaster Laboratories Environmental

Analysis Report

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Sample Description: 0269-RIN04 Water
Wappinger Creek

LL Sample # WW 8134945
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 08:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPPRB

CAT No.	Analysis Name	CAS Number	Result	EDL*	MRL	Dilution Factor
S	*Saturation of detection signal*					

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12936	Dioxins/Furans in Water - 8290	SW-846 8290A Feb 2007 Rev 1	1	15327001	11/25/2015 21:35	Joseph D Anderson	1
10914	Dioxins/Furans in Water - SepF	SW-846 8290A Feb 2007 Rev 1	1	15327001	11/23/2015 09:30	Brett M Weidman	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED01-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134946
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 13:35

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	88.9	0.50	0.50	1
07103	3.35 mm	n.a.	88.9	0.50	0.50	1
07103	2.36 mm	n.a.	88.9	0.50	0.50	1
07103	1.18 mm	n.a.	88.5	0.50	0.50	1
07103	0.6 mm	n.a.	84.5	0.50	0.50	1
07103	0.3 mm	n.a.	80.6	0.50	0.50	1
07103	0.15 mm	n.a.	77.1	0.50	0.50	1
07103	0.075 mm	n.a.	74.6	0.50	0.50	1
07103	0.064 mm	n.a.	73.0	0.50	0.50	1
07103	0.05 mm	n.a.	71.0	0.50	0.50	1
07103	0.02 mm	n.a.	60.0	0.50	0.50	1
07103	0.005 mm	n.a.	25.0	0.50	0.50	1
07103	0.002 mm	n.a.	10.5	0.50	0.50	1
07103	0.001 mm	n.a.	4.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED01-12-24 Sediment
Wappinger Creek

LL Sample # SW 8134947
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 14:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	73.5	0.50	0.50	1
07103	3.35 mm	n.a.	73.0	0.50	0.50	1
07103	2.36 mm	n.a.	72.7	0.50	0.50	1
07103	1.18 mm	n.a.	72.4	0.50	0.50	1
07103	0.6 mm	n.a.	67.9	0.50	0.50	1
07103	0.3 mm	n.a.	64.6	0.50	0.50	1
07103	0.15 mm	n.a.	61.2	0.50	0.50	1
07103	0.075 mm	n.a.	57.6	0.50	0.50	1
07103	0.064 mm	n.a.	57.0	0.50	0.50	1
07103	0.05 mm	n.a.	55.0	0.50	0.50	1
07103	0.02 mm	n.a.	45.0	0.50	0.50	1
07103	0.005 mm	n.a.	15.5	0.50	0.50	1
07103	0.002 mm	n.a.	6.5	0.50	0.50	1
07103	0.001 mm	n.a.	3.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

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Analysis Report

Sample Description: 0269-SED01-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134948
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 13:45

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	69.4	0.50	0.50	1
07103	3.35 mm	n.a.	60.6	0.50	0.50	1
07103	2.36 mm	n.a.	53.0	0.50	0.50	1
07103	1.18 mm	n.a.	43.0	0.50	0.50	1
07103	0.6 mm	n.a.	37.5	0.50	0.50	1
07103	0.3 mm	n.a.	33.7	0.50	0.50	1
07103	0.15 mm	n.a.	31.3	0.50	0.50	1
07103	0.075 mm	n.a.	29.9	0.50	0.50	1
07103	0.064 mm	n.a.	29.5	0.50	0.50	1
07103	0.05 mm	n.a.	29.0	0.50	0.50	1
07103	0.02 mm	n.a.	20.5	0.50	0.50	1
07103	0.005 mm	n.a.	11.0	0.50	0.50	1
07103	0.002 mm	n.a.	7.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED02-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134949
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 15:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.5	0.50	0.50	1
07103	3.35 mm	n.a.	99.1	0.50	0.50	1
07103	2.36 mm	n.a.	98.4	0.50	0.50	1
07103	1.18 mm	n.a.	96.2	0.50	0.50	1
07103	0.6 mm	n.a.	94.7	0.50	0.50	1
07103	0.3 mm	n.a.	93.4	0.50	0.50	1
07103	0.15 mm	n.a.	92.1	0.50	0.50	1
07103	0.075 mm	n.a.	90.8	0.50	0.50	1
07103	0.064 mm	n.a.	89.0	0.50	0.50	1
07103	0.05 mm	n.a.	85.0	0.50	0.50	1
07103	0.02 mm	n.a.	69.5	0.50	0.50	1
07103	0.005 mm	n.a.	34.0	0.50	0.50	1
07103	0.002 mm	n.a.	20.0	0.50	0.50	1
07103	0.001 mm	n.a.	10.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 18:00	Luz M Groff	1

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Analysis Report

Sample Description: 0269-SED02-12-24 Sediment
Wappinger Creek

LL Sample # SW 8134950
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 15:30

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	98.7	0.50	0.50	1
07103	3.35 mm	n.a.	98.6	0.50	0.50	1
07103	2.36 mm	n.a.	98.4	0.50	0.50	1
07103	1.18 mm	n.a.	97.9	0.50	0.50	1
07103	0.6 mm	n.a.	95.8	0.50	0.50	1
07103	0.3 mm	n.a.	93.9	0.50	0.50	1
07103	0.15 mm	n.a.	91.3	0.50	0.50	1
07103	0.075 mm	n.a.	87.3	0.50	0.50	1
07103	0.064 mm	n.a.	85.0	0.50	0.50	1
07103	0.05 mm	n.a.	81.0	0.50	0.50	1
07103	0.02 mm	n.a.	65.0	0.50	0.50	1
07103	0.005 mm	n.a.	17.0	0.50	0.50	1
07103	0.002 mm	n.a.	6.0	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED02-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134951
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 15:20

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.6	0.50	0.50	1
07103	0.6 mm	n.a.	98.2	0.50	0.50	1
07103	0.3 mm	n.a.	96.7	0.50	0.50	1
07103	0.15 mm	n.a.	94.2	0.50	0.50	1
07103	0.075 mm	n.a.	90.6	0.50	0.50	1
07103	0.064 mm	n.a.	89.0	0.50	0.50	1
07103	0.05 mm	n.a.	85.0	0.50	0.50	1
07103	0.02 mm	n.a.	67.0	0.50	0.50	1
07103	0.005 mm	n.a.	20.0	0.50	0.50	1
07103	0.002 mm	n.a.	8.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED03-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134952
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.7	0.50	0.50	1
07103	0.6 mm	n.a.	99.0	0.50	0.50	1
07103	0.3 mm	n.a.	98.1	0.50	0.50	1
07103	0.15 mm	n.a.	96.1	0.50	0.50	1
07103	0.075 mm	n.a.	94.3	0.50	0.50	1
07103	0.064 mm	n.a.	92.0	0.50	0.50	1
07103	0.05 mm	n.a.	89.0	0.50	0.50	1
07103	0.02 mm	n.a.	77.0	0.50	0.50	1
07103	0.005 mm	n.a.	35.0	0.50	0.50	1
07103	0.002 mm	n.a.	15.0	0.50	0.50	1
07103	0.001 mm	n.a.	5.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
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Analysis Report

Sample Description: 0269-SED03-12-24 Sediment
Wappinger Creek

LL Sample # SW 8134953
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:20

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.6	0.50	0.50	1
07103	0.6 mm	n.a.	98.4	0.50	0.50	1
07103	0.3 mm	n.a.	97.0	0.50	0.50	1
07103	0.15 mm	n.a.	94.6	0.50	0.50	1
07103	0.075 mm	n.a.	89.5	0.50	0.50	1
07103	0.064 mm	n.a.	88.0	0.50	0.50	1
07103	0.05 mm	n.a.	84.0	0.50	0.50	1
07103	0.02 mm	n.a.	66.5	0.50	0.50	1
07103	0.005 mm	n.a.	20.0	0.50	0.50	1
07103	0.002 mm	n.a.	8.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED03-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134954
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:10

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.5	0.50	0.50	1
07103	3.35 mm	n.a.	98.7	0.50	0.50	1
07103	2.36 mm	n.a.	97.8	0.50	0.50	1
07103	1.18 mm	n.a.	96.9	0.50	0.50	1
07103	0.6 mm	n.a.	96.1	0.50	0.50	1
07103	0.3 mm	n.a.	95.0	0.50	0.50	1
07103	0.15 mm	n.a.	92.1	0.50	0.50	1
07103	0.075 mm	n.a.	88.5	0.50	0.50	1
07103	0.064 mm	n.a.	87.0	0.50	0.50	1
07103	0.05 mm	n.a.	83.0	0.50	0.50	1
07103	0.02 mm	n.a.	67.5	0.50	0.50	1
07103	0.005 mm	n.a.	24.5	0.50	0.50	1
07103	0.002 mm	n.a.	11.0	0.50	0.50	1
07103	0.001 mm	n.a.	6.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED04-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134955
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 16:25

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	90.4	0.50	0.50	1
07103	0.6 mm	n.a.	82.9	0.50	0.50	1
07103	0.3 mm	n.a.	72.9	0.50	0.50	1
07103	0.15 mm	n.a.	57.9	0.50	0.50	1
07103	0.075 mm	n.a.	47.3	0.50	0.50	1
07103	0.064 mm	n.a.	45.0	0.50	0.50	1
07103	0.05 mm	n.a.	40.5	0.50	0.50	1
07103	0.02 mm	n.a.	24.0	0.50	0.50	1
07103	0.005 mm	n.a.	7.5	0.50	0.50	1
07103	0.002 mm	n.a.	3.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED04-12-24 Sediment
Wappinger Creek

LL Sample # SW 8134956
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 16:35

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	97.0	0.50	0.50	1
07103	3.35 mm	n.a.	94.2	0.50	0.50	1
07103	2.36 mm	n.a.	90.1	0.50	0.50	1
07103	1.18 mm	n.a.	80.6	0.50	0.50	1
07103	0.6 mm	n.a.	68.4	0.50	0.50	1
07103	0.3 mm	n.a.	49.3	0.50	0.50	1
07103	0.15 mm	n.a.	42.2	0.50	0.50	1
07103	0.075 mm	n.a.	37.5	0.50	0.50	1
07103	0.064 mm	n.a.	36.5	0.50	0.50	1
07103	0.05 mm	n.a.	32.0	0.50	0.50	1
07103	0.02 mm	n.a.	20.5	0.50	0.50	1
07103	0.005 mm	n.a.	7.5	0.50	0.50	1
07103	0.002 mm	n.a.	4.5	0.50	0.50	1
07103	0.001 mm	n.a.	4.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED04-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134957
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 16:30

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.0	0.50	0.50	1
07103	0.6 mm	n.a.	89.6	0.50	0.50	1
07103	0.3 mm	n.a.	78.3	0.50	0.50	1
07103	0.15 mm	n.a.	56.2	0.50	0.50	1
07103	0.075 mm	n.a.	42.0	0.50	0.50	1
07103	0.064 mm	n.a.	39.0	0.50	0.50	1
07103	0.05 mm	n.a.	34.0	0.50	0.50	1
07103	0.02 mm	n.a.	18.5	0.50	0.50	1
07103	0.005 mm	n.a.	8.0	0.50	0.50	1
07103	0.002 mm	n.a.	3.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/18/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED05-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134958
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:35

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.9	0.50	0.50	1
07103	0.6 mm	n.a.	97.3	0.50	0.50	1
07103	0.3 mm	n.a.	89.0	0.50	0.50	1
07103	0.15 mm	n.a.	66.4	0.50	0.50	1
07103	0.075 mm	n.a.	53.6	0.50	0.50	1
07103	0.064 mm	n.a.	51.0	0.50	0.50	1
07103	0.05 mm	n.a.	47.0	0.50	0.50	1
07103	0.02 mm	n.a.	31.0	0.50	0.50	1
07103	0.005 mm	n.a.	13.5	0.50	0.50	1
07103	0.002 mm	n.a.	6.0	0.50	0.50	1
07103	0.001 mm	n.a.	3.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED05-12-24 Sediment
Wappinger Creek

LL Sample # SW 8134959
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:55

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	87.3	0.50	0.50	1
07103	3.35 mm	n.a.	83.9	0.50	0.50	1
07103	2.36 mm	n.a.	79.1	0.50	0.50	1
07103	1.18 mm	n.a.	69.4	0.50	0.50	1
07103	0.6 mm	n.a.	60.3	0.50	0.50	1
07103	0.3 mm	n.a.	45.2	0.50	0.50	1
07103	0.15 mm	n.a.	24.7	0.50	0.50	1
07103	0.075 mm	n.a.	17.2	0.50	0.50	1
07103	0.064 mm	n.a.	16.0	0.50	0.50	1
07103	0.05 mm	n.a.	15.0	0.50	0.50	1
07103	0.02 mm	n.a.	9.5	0.50	0.50	1
07103	0.005 mm	n.a.	2.5	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
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Analysis Report

Sample Description: 0269-SED05-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134960
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 17:45

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	98.8	0.50	0.50	1
07103	3.35 mm	n.a.	98.0	0.50	0.50	1
07103	2.36 mm	n.a.	97.0	0.50	0.50	1
07103	1.18 mm	n.a.	93.5	0.50	0.50	1
07103	0.6 mm	n.a.	88.4	0.50	0.50	1
07103	0.3 mm	n.a.	77.5	0.50	0.50	1
07103	0.15 mm	n.a.	51.2	0.50	0.50	1
07103	0.075 mm	n.a.	40.2	0.50	0.50	1
07103	0.064 mm	n.a.	39.0	0.50	0.50	1
07103	0.05 mm	n.a.	36.0	0.50	0.50	1
07103	0.02 mm	n.a.	29.0	0.50	0.50	1
07103	0.005 mm	n.a.	11.5	0.50	0.50	1
07103	0.002 mm	n.a.	4.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED06-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134961
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 10:00

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	89.9	0.50	0.50	1
07103	3.35 mm	n.a.	84.9	0.50	0.50	1
07103	2.36 mm	n.a.	79.4	0.50	0.50	1
07103	1.18 mm	n.a.	63.6	0.50	0.50	1
07103	0.6 mm	n.a.	51.6	0.50	0.50	1
07103	0.3 mm	n.a.	29.8	0.50	0.50	1
07103	0.15 mm	n.a.	15.4	0.50	0.50	1
07103	0.075 mm	n.a.	13.2	0.50	0.50	1
07103	0.064 mm	n.a.	11.5	0.50	0.50	1
07103	0.05 mm	n.a.	8.0	0.50	0.50	1
07103	0.02 mm	n.a.	3.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	1.0	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED06-6-12 Sediment
Wappinger Creek

LL Sample # SW 8134963
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 10:10

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	97.2	0.50	0.50	1
07103	4.75 mm	n.a.	75.1	0.50	0.50	1
07103	3.35 mm	n.a.	68.9	0.50	0.50	1
07103	2.36 mm	n.a.	63.3	0.50	0.50	1
07103	1.18 mm	n.a.	53.4	0.50	0.50	1
07103	0.6 mm	n.a.	42.8	0.50	0.50	1
07103	0.3 mm	n.a.	28.2	0.50	0.50	1
07103	0.15 mm	n.a.	17.7	0.50	0.50	1
07103	0.075 mm	n.a.	13.4	0.50	0.50	1
07103	0.064 mm	n.a.	12.0	0.50	0.50	1
07103	0.05 mm	n.a.	10.0	0.50	0.50	1
07103	0.02 mm	n.a.	6.5	0.50	0.50	1
07103	0.005 mm	n.a.	1.5	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED22-0-6 Sediment
Wappinger Creek

LL Sample # SW 8134964
LL Group # 1609439
Account # 09531

Project Name: Wappinger Creek

Collected: 11/11/2015 15:10

Submitted: 11/13/2015 09:20
Reported: 12/01/2015 11:28

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	94.6	0.50	0.50	1
07103	3.35 mm	n.a.	94.4	0.50	0.50	1
07103	2.36 mm	n.a.	94.3	0.50	0.50	1
07103	1.18 mm	n.a.	93.9	0.50	0.50	1
07103	0.6 mm	n.a.	92.1	0.50	0.50	1
07103	0.3 mm	n.a.	90.6	0.50	0.50	1
07103	0.15 mm	n.a.	89.0	0.50	0.50	1
07103	0.075 mm	n.a.	87.3	0.50	0.50	1
07103	0.064 mm	n.a.	87.0	0.50	0.50	1
07103	0.05 mm	n.a.	86.0	0.50	0.50	1
07103	0.02 mm	n.a.	72.0	0.50	0.50	1
07103	0.005 mm	n.a.	33.0	0.50	0.50	1
07103	0.002 mm	n.a.	18.5	0.50	0.50	1
07103	0.001 mm	n.a.	7.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15318710301A	11/14/2015 15:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609439
Reported: 12/01/2015 11:28

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result		Blank EDL**	Blank MRL	Report Units	OPR %REC	OPRD %REC	OPR/OPRD Limits	RPD	RPD Max
Batch number: 15327001	Sample number(s): 8134945									
2378-TCDD	N.D.		0.353	2.00	pg/l	97		67-158		
12378-PeCDD	N.D.		0.245	10.0	pg/l	102		70-142		
123478-HxCDD	0.238	J	0.151	10.0	pg/l	101		70-164		
123678-HxCDD	N.D.		0.154	10.0	pg/l	101		76-134		
123789-HxCDD	0.265	J	0.154	10.0	pg/l	98		64-162		
1234678-HpCDD	0.311	J	0.157	10.0	pg/l	95		70-140		
OCDD	1.27	J	0.301	20.0	pg/l	97		78-144		
2378-TCDF	N.D.		0.159	2.00	pg/l	100		75-158		
12378-PeCDF	0.453	J	0.128	10.0	pg/l	99		80-134		
23478-PeCDF	0.324	J	0.120	10.0	pg/l	99		68-160		
123478-HxCDF	0.141	J	0.0989	10.0	pg/l	103		72-134		
123678-HxCDF	0.267	J	0.0960	10.0	pg/l	102		84-130		
123789-HxCDF	0.714	J	0.0959	10.0	pg/l	99		78-130		
234678-HxCDF	N.D.		0.0922	10.0	pg/l	104		70-156		
1234678-HpCDF	0.287	J	0.121	10.0	pg/l	99		82-122		
1234789-HpCDF	0.262	J	0.131	10.0	pg/l	99		78-138		
OCDF	N.D.		0.267	20.0	pg/l	98		63-170		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Dioxins/Furans in Water - 8290
Batch number: 15327001

	13C12-2378-TCDD	13C12-12378-PeCDD	13C12-123478-HxCDD	13C12-123678-HxCDD	13C12-123789-HxCDD	13C12-1234678-HpCDD
8134945	49	72	62	60	65	55
Blank	67	84	76	75	75	82
OPR	52	85	72	72	77	82
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

	13C12-OCDD	13C12-2378-TCDF	13C12-12378-PeCDF	13C12-23478-PeCDF	13C12-123478-HxCDF	13C12-123678-HxCDF
8134945	45	45	61	69	54	54
Blank	78	63	78	81	68	69

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609439
Reported: 12/01/2015 11:28

Surrogate Quality Control

OPR	75	47	73	79	66	66
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

	13C12-234678-HxCDF	13C12-123789-HxCDF	13C12-1234678-HpCDF	13C12-1234789-HpCDF	13C12-OCDF
8134945	61	61	51	53	42
Blank	70	74	73	77	72
OPR	67	72	70	74	71
Limits:	40-135	40-135	40-135	40-135	40-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

9531/1609439/8134945-64

USEPA
DateShipped: 11/12/2015
CarrierName: FedEx
AirbillNo: 8715 6304 5763

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111215-130210-0012
Cooler #: 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-RIN04	Dioxins/Furans	DI Water	11/12/2015	08:00	2	1-liter Amber Glass Jar	4 C	N
	0269-SED01-0-6	Grain Size Distribution	Sediment	11/11/2015	13:35	1	16-oz. glass jar	N/A	N
	0269-SED01-12-24	Grain Size Distribution	Sediment	11/11/2015	14:00	1	16-oz. glass jar	N/A	N
	0269-SED01-6-12	Grain Size Distribution	Sediment	11/11/2015	13:45	1	16-oz. glass jar	N/A	N
	0269-SED02-0-6	Grain Size Distribution	Sediment	11/11/2015	15:00	1	16-oz. glass jar	N/A	N
	0269-SED02-12-24	Grain Size Distribution	Sediment	11/11/2015	15:30	1	16-oz. glass jar	N/A	N
	0269-SED02-6-12	Grain Size Distribution	Sediment	11/11/2015	15:20	1	16-oz. glass jar	N/A	N
	0269-SED03-0-6	Grain Size Distribution	Sediment	11/11/2015	17:00	1	16-oz. glass jar	N/A	N
	0269-SED03-12-24	Grain Size Distribution	Sediment	11/11/2015	17:20	1	16-oz. glass jar	N/A	N
	0269-SED03-6-12	Grain Size Distribution	Sediment	11/11/2015	17:10	1	16-oz. glass jar	N/A	N
	0269-SED04-0-6	Grain Size Distribution	Sediment	11/11/2015	16:25	1	16-oz. glass jar	N/A	N
	0269-SED04-12-24	Grain Size Distribution	Sediment	11/11/2015	16:35	1	16-oz. glass jar	N/A	N
	0269-SED04-6-12	Grain Size Distribution	Sediment	11/11/2015	16:30	1	16-oz. glass jar	N/A	N
	0269-SED05-0-6	Grain Size Distribution	Sediment	11/11/2015	17:35	1	16-oz. glass jar	N/A	N
	0269-SED05-12-24	Grain Size Distribution	Sediment	11/11/2015	17:55	1	16-oz. glass jar	N/A	N
	0269-SED05-6-12	Grain Size Distribution	Sediment	11/11/2015	17:45	1	16-oz. glass jar	N/A	N
	0269-SED06-0-6	Grain Size Distribution	Sediment	11/12/2015	10:00	1	16-oz. glass jar	N/A	N
	0269-SED06-12-24	Grain Size Distribution	Sediment	11/12/2015	10:20	1	16-oz. glass jar	N/A	N

Special Instructions: PO #0089959	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/12/15 1800	FEDEX	11/12/15 1800	
			ELLE	11-13-15/920	Mostly Intact 4.0°C

9531 / 1609439 / 8131945-64

USEPA
DateShipped: 11/12/2015
CarrierName: FedEx
AirbillNo: 8715 6304 5763

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111215-130210-0012
Cooler #: 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED06-6-12	Grain Size Distribution	Sediment	11/12/2015	10:10	1	16-oz. glass jar	N/A	N
	0269-SED22-0-6	Grain Size Distribution	Sediment	11/11/2015	15:10	1	16-oz. glass jar	N/A	N

DB

Special Instructions: PO #0089959	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/12/15 1800	FEDEX	11/12/15 1800	
			ELLE / [illegible]	11-12-15 / 920	Mostly Intact + 4.0°C

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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REFERENCE 39

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

December 01, 2015

Project: Wappinger Creek

Submittal Date: 11/14/2015
Group Number: 1609497
PO Number: 0089959
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
0269-SED12-0-6 Sediment	8135531
0269-SED12-12-24 Sediment	8135532
0269-SED12-6-12 Sediment	8135533
0269-SED13-0-6 Sediment	8135534
0269-SED13-12-24 Sediment	8135535
0269-SED13-6-12 Sediment	8135536
0269-SED14-0-6 Sediment	8135537
0269-SED14-6-12 Sediment	8135538
0269-SED19-0-6 Sediment	8135539
0269-SED19-12-24 Sediment	8135540
0269-SED19-6-12 Sediment	8135541

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Weston Solutions, Inc.	Attn: Scott Snyder
ELECTRONIC COPY TO	Weston Solutions, Inc.	Attn: Denise Breen

Respectfully Submitted,

Katherine A. Klinefelter

Katherine A. Klinefelter
Principal Specialist

(717) 556-7256

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED12-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135531
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:00

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	79.8	0.50	0.50	1
07103	3.35 mm	n.a.	70.4	0.50	0.50	1
07103	2.36 mm	n.a.	61.9	0.50	0.50	1
07103	1.18 mm	n.a.	39.8	0.50	0.50	1
07103	0.6 mm	n.a.	23.6	0.50	0.50	1
07103	0.3 mm	n.a.	10.6	0.50	0.50	1
07103	0.15 mm	n.a.	5.9	0.50	0.50	1
07103	0.075 mm	n.a.	4.3	0.50	0.50	1
07103	0.064 mm	n.a.	3.5	0.50	0.50	1
07103	0.05 mm	n.a.	2.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED12-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135532
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	68.4	0.50	0.50	1
07103	3.35 mm	n.a.	57.3	0.50	0.50	1
07103	2.36 mm	n.a.	47.4	0.50	0.50	1
07103	1.18 mm	n.a.	32.2	0.50	0.50	1
07103	0.6 mm	n.a.	19.2	0.50	0.50	1
07103	0.3 mm	n.a.	9.7	0.50	0.50	1
07103	0.15 mm	n.a.	6.0	0.50	0.50	1
07103	0.075 mm	n.a.	4.6	0.50	0.50	1
07103	0.064 mm	n.a.	3.0	0.50	0.50	1
07103	0.05 mm	n.a.	2.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.0	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	26.1	0.50	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED12-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135532
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP12

CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		ng/kg		ng/kg	ng/kg	
12937	2378-TCDD	1746-01-6	0.387	J	0.0483	1.33	1
12937	12378-PeCDD	40321-76-4	0.369	J	0.0679	6.66	1
12937	123478-HxCDD	39227-28-6	0.457	J	0.0464	6.66	1
12937	123678-HxCDD	57653-85-7	1.72	JB	0.0487	6.66	1
12937	123789-HxCDD	19408-74-3	1.03	JB	0.0465	6.66	1
12937	1234678-HpCDD	35822-46-9	48.7	B	0.0743	6.66	1
12937	OCDD	3268-87-9	992	B	0.102	13.3	1
12937	2378-TCDF	51207-31-9	1.36	C	0.0936	1.33	1
12937	12378-PeCDF	57117-41-6	0.755	JB	0.0375	6.66	1
12937	23478-PeCDF	57117-31-4	N.D.		0.0343	6.66	1
12937	123478-HxCDF	70648-26-9	0.959	JB	0.0464	6.66	1
12937	123678-HxCDF	57117-44-9	1.33	JB	0.0456	6.66	1
12937	123789-HxCDF	72918-21-9	0.457	JB	0.0468	6.66	1
12937	234678-HxCDF	60851-34-5	1.80	J	0.0420	6.66	1
12937	1234678-HpCDF	67562-39-4	11.9	B	0.0432	6.66	1
12937	1234789-HpCDF	55673-89-7	0.958	JB	0.0526	6.66	1
12937	OCDF	39001-02-0	47.2	B	0.0453	13.3	1

Labeled Compounds	%Rec	Windows
13C12-2378-TCDD	74	40 - 135
13C12-12378-PeCDD	87	40 - 135
13C12-123478-HxCDD	73	40 - 135
13C12-123678-HxCDD	72	40 - 135
13C12-123789-HxCDD	74	40 - 135
13C12-1234678-HpCDD	65	40 - 135
13C12-OCDD	57	40 - 135
13C12-2378-TCDF	76	40 - 135
13C12-12378-PeCDF	90	40 - 135
13C12-23478-PeCDF	93	40 - 135
13C12-123478-HxCDF	77	40 - 135
13C12-123678-HxCDF	76	40 - 135
13C12-234678-HxCDF	79	40 - 135
13C12-123789-HxCDF	77	40 - 135
13C12-1234678-HpCDF	74	40 - 135
13C12-1234789-HpCDF	64	40 - 135
13C12-OCDF	56	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED12-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135532
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED12-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135532
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP12

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 06:40	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED12-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135533
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 16:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	86.8	0.50	0.50	1
07103	3.35 mm	n.a.	77.8	0.50	0.50	1
07103	2.36 mm	n.a.	66.9	0.50	0.50	1
07103	1.18 mm	n.a.	50.1	0.50	0.50	1
07103	0.6 mm	n.a.	31.5	0.50	0.50	1
07103	0.3 mm	n.a.	15.8	0.50	0.50	1
07103	0.15 mm	n.a.	9.9	0.50	0.50	1
07103	0.075 mm	n.a.	7.2	0.50	0.50	1
07103	0.064 mm	n.a.	6.5	0.50	0.50	1
07103	0.05 mm	n.a.	6.0	0.50	0.50	1
07103	0.02 mm	n.a.	3.0	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 15:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED13-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135534
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 11:45

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	88.0	0.50	0.50	1
07103	3.35 mm	n.a.	81.2	0.50	0.50	1
07103	2.36 mm	n.a.	73.9	0.50	0.50	1
07103	1.18 mm	n.a.	54.9	0.50	0.50	1
07103	0.6 mm	n.a.	36.4	0.50	0.50	1
07103	0.3 mm	n.a.	17.4	0.50	0.50	1
07103	0.15 mm	n.a.	6.3	0.50	0.50	1
07103	0.075 mm	n.a.	2.5	0.50	0.50	1
07103	0.064 mm	n.a.	2.0	0.50	0.50	1
07103	0.05 mm	n.a.	1.5	0.50	0.50	1
07103	0.02 mm	n.a.	N.D.	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Sample Description: 0269-SED13-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135535
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:05

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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Edison NJ 08837

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	89.2	0.50	0.50	1
07103	3.35 mm	n.a.	83.6	0.50	0.50	1
07103	2.36 mm	n.a.	76.7	0.50	0.50	1
07103	1.18 mm	n.a.	41.2	0.50	0.50	1
07103	0.6 mm	n.a.	21.5	0.50	0.50	1
07103	0.3 mm	n.a.	7.5	0.50	0.50	1
07103	0.15 mm	n.a.	2.9	0.50	0.50	1
07103	0.075 mm	n.a.	1.9	0.50	0.50	1
07103	0.064 mm	n.a.	23.0	0.50	0.50	1
07103	0.05 mm	n.a.	17.0	0.50	0.50	1
07103	0.02 mm	n.a.	4.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	1.0	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	15.3	0.50	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

*=This limit was used in the evaluation of the final result

Sample Description: 0269-SED13-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135535
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:05

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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WPP13

CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**		**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	0.0550	JQ	0.0258	1.13	1
12937	12378-PeCDD	40321-76-4	0.0289	JQ	0.0278	5.66	1
12937	123478-HxCDD	39227-28-6	0.0555	JQ	0.0239	5.66	1
12937	123678-HxCDD	57653-85-7	0.0640	JBQ	0.0245	5.66	1
12937	123789-HxCDD	19408-74-3	0.0239	JBQ	0.0231	5.66	1
12937	1234678-HpCDD	35822-46-9	1.23	JB	0.0316	5.66	1
12937	OCDD	3268-87-9	31.3	B	0.0413	11.3	1
12937	2378-TCDF	51207-31-9	0.175	JQ	0.0265	1.13	1
12937	12378-PeCDF	57117-41-6	0.117	JBQ	0.0137	5.66	1
12937	23478-PeCDF	57117-31-4	0.0542	JBQ	0.0128	5.66	1
12937	123478-HxCDF	70648-26-9	0.0986	JBQ	0.0178	5.66	1
12937	123678-HxCDF	57117-44-9	0.0807	JB	0.0171	5.66	1
12937	123789-HxCDF	72918-21-9	0.0926	JBQ	0.0188	5.66	1
12937	234678-HxCDF	60851-34-5	0.0578	J	0.0169	5.66	1
12937	1234678-HpCDF	67562-39-4	0.517	JB	0.0239	5.66	1
12937	1234789-HpCDF	55673-89-7	0.0747	JB	0.0309	5.66	1
12937	OCDF	39001-02-0	1.04	JB	0.0330	11.3	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	80	40 - 135
13C12-12378-PeCDD	94	40 - 135
13C12-123478-HxCDD	80	40 - 135
13C12-123678-HxCDD	79	40 - 135
13C12-123789-HxCDD	81	40 - 135
13C12-1234678-HpCDD	74	40 - 135
13C12-OCDD	64	40 - 135
13C12-2378-TCDF	86	40 - 135
13C12-12378-PeCDF	101	40 - 135
13C12-23478-PeCDF	100	40 - 135
13C12-123478-HxCDF	84	40 - 135
13C12-123678-HxCDF	86	40 - 135
13C12-234678-HxCDF	85	40 - 135
13C12-123789-HxCDF	86	40 - 135
13C12-1234678-HpCDF	88	40 - 135
13C12-1234789-HpCDF	73	40 - 135
13C12-OCDF	62	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED13-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135535
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:05

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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250 Campus Drive
Edison NJ 08837

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED13-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135535
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:05

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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Edison NJ 08837

WPP13

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 09:30	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED13-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135536
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 11:55

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	80.2	0.50	0.50	1
07103	3.35 mm	n.a.	72.8	0.50	0.50	1
07103	2.36 mm	n.a.	64.9	0.50	0.50	1
07103	1.18 mm	n.a.	49.2	0.50	0.50	1
07103	0.6 mm	n.a.	35.1	0.50	0.50	1
07103	0.3 mm	n.a.	19.0	0.50	0.50	1
07103	0.15 mm	n.a.	7.8	0.50	0.50	1
07103	0.075 mm	n.a.	3.3	0.50	0.50	1
07103	0.064 mm	n.a.	2.5	0.50	0.50	1
07103	0.05 mm	n.a.	1.5	0.50	0.50	1
07103	0.02 mm	n.a.	1.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	1.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED14-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135537
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	74.6	0.50	0.50	1
07103	3.35 mm	n.a.	61.8	0.50	0.50	1
07103	2.36 mm	n.a.	51.8	0.50	0.50	1
07103	1.18 mm	n.a.	45.1	0.50	0.50	1
07103	0.6 mm	n.a.	32.7	0.50	0.50	1
07103	0.3 mm	n.a.	19.6	0.50	0.50	1
07103	0.15 mm	n.a.	12.1	0.50	0.50	1
07103	0.075 mm	n.a.	8.6	0.50	0.50	1
07103	0.064 mm	n.a.	8.0	0.50	0.50	1
07103	0.05 mm	n.a.	6.5	0.50	0.50	1
07103	0.02 mm	n.a.	3.5	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED14-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135538
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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WPP14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	69.9	0.50	0.50	1
07103	3.35 mm	n.a.	60.2	0.50	0.50	1
07103	2.36 mm	n.a.	51.0	0.50	0.50	1
07103	1.18 mm	n.a.	32.8	0.50	0.50	1
07103	0.6 mm	n.a.	19.5	0.50	0.50	1
07103	0.3 mm	n.a.	10.7	0.50	0.50	1
07103	0.15 mm	n.a.	7.8	0.50	0.50	1
07103	0.075 mm	n.a.	6.4	0.50	0.50	1
07103	0.064 mm	n.a.	6.0	0.50	0.50	1
07103	0.05 mm	n.a.	5.0	0.50	0.50	1
07103	0.02 mm	n.a.	2.5	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	20.9	0.50	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED14-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135538
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP14

CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**		**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	0.238	J	0.0396	1.26	1
12937	12378-PeCDD	40321-76-4	0.903	JQ	0.0618	6.30	1
12937	123478-HxCDD	39227-28-6	1.06	J	0.0395	6.30	1
12937	123678-HxCDD	57653-85-7	4.06	JB	0.0399	6.30	1
12937	123789-HxCDD	19408-74-3	2.17	JB	0.0368	6.30	1
12937	1234678-HpCDD	35822-46-9	94.0	B	0.0797	6.30	1
12937	OCDD	3268-87-9	816	B	0.0755	12.6	1
13233	2378-TCDF-Conf	51207-31-9	9.25	C	0.283	1.26	1
12937	12378-PeCDF	57117-41-6	3.52	JB	0.0345	6.30	1
12937	23478-PeCDF	57117-31-4	9.03	B	0.0321	6.30	1
12937	123478-HxCDF	70648-26-9	10.6	B	0.0457	6.30	1
12937	123678-HxCDF	57117-44-9	5.08	JB	0.0441	6.30	1
12937	123789-HxCDF	72918-21-9	1.43	JB	0.0439	6.30	1
12937	234678-HxCDF	60851-34-5	5.38	J	0.0430	6.30	1
12937	1234678-HpCDF	67562-39-4	62.7	B	0.0433	6.30	1
12937	1234789-HpCDF	55673-89-7	3.05	JB	0.0523	6.30	1
12937	OCDF	39001-02-0	112	B	0.0424	12.6	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	78	40 - 135
13C12-2378-TCDF-Conf	81	40 - 135
13C12-12378-PeCDD	85	40 - 135
13C12-123478-HxCDD	81	40 - 135
13C12-123678-HxCDD	78	40 - 135
13C12-123789-HxCDD	81	40 - 135
13C12-1234678-HpCDD	72	40 - 135
13C12-OCDD	63	40 - 135
13C12-12378-PeCDF	88	40 - 135
13C12-23478-PeCDF	89	40 - 135
13C12-123478-HxCDF	86	40 - 135
13C12-123678-HxCDF	86	40 - 135
13C12-234678-HxCDF	86	40 - 135
13C12-123789-HxCDF	87	40 - 135
13C12-1234678-HpCDF	81	40 - 135
13C12-1234789-HpCDF	71	40 - 135
13C12-OCDF	59	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Environmental

Analysis Report

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Sample Description: 0269-SED14-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135538
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP14

CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED14-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135538
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/13/2015 12:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP14

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
13233	D/F in Solids 8290-Conf	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/20/2015 19:02	Michael A Ziegler	1
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 07:37	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED19-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135539
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	69.1	0.50	0.50	1
07103	3.35 mm	n.a.	59.2	0.50	0.50	1
07103	2.36 mm	n.a.	50.1	0.50	0.50	1
07103	1.18 mm	n.a.	35.7	0.50	0.50	1
07103	0.6 mm	n.a.	22.3	0.50	0.50	1
07103	0.3 mm	n.a.	9.0	0.50	0.50	1
07103	0.15 mm	n.a.	5.4	0.50	0.50	1
07103	0.075 mm	n.a.	4.1	0.50	0.50	1
07103	0.064 mm	n.a.	3.5	0.50	0.50	1
07103	0.05 mm	n.a.	2.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.0	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED19-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135540
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:50

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	99.9	0.50	0.50	1
07103	4.75 mm	n.a.	67.1	0.50	0.50	1
07103	3.35 mm	n.a.	59.1	0.50	0.50	1
07103	2.36 mm	n.a.	51.2	0.50	0.50	1
07103	1.18 mm	n.a.	37.8	0.50	0.50	1
07103	0.6 mm	n.a.	27.4	0.50	0.50	1
07103	0.3 mm	n.a.	14.4	0.50	0.50	1
07103	0.15 mm	n.a.	10.6	0.50	0.50	1
07103	0.075 mm	n.a.	9.0	0.50	0.50	1
07103	0.064 mm	n.a.	9.5	0.50	0.50	1
07103	0.05 mm	n.a.	9.0	0.50	0.50	1
07103	0.02 mm	n.a.	4.5	0.50	0.50	1
07103	0.005 mm	n.a.	1.5	0.50	0.50	1
07103	0.002 mm	n.a.	1.0	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED19-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135541
LL Group # 1609497
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:40

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	64.3	0.50	0.50	1
07103	3.35 mm	n.a.	56.5	0.50	0.50	1
07103	2.36 mm	n.a.	49.2	0.50	0.50	1
07103	1.18 mm	n.a.	36.5	0.50	0.50	1
07103	0.6 mm	n.a.	21.0	0.50	0.50	1
07103	0.3 mm	n.a.	6.8	0.50	0.50	1
07103	0.15 mm	n.a.	4.6	0.50	0.50	1
07103	0.075 mm	n.a.	3.8	0.50	0.50	1
07103	0.064 mm	n.a.	3.0	0.50	0.50	1
07103	0.05 mm	n.a.	2.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.0	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609497
Reported: 12/01/2015 11:30

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 15327820011A	Sample number(s): 8135532,8135535,8135538								
Moisture					100		99-101		

Analysis Name	Blank Result	Blank EDL**	Blank MRL	Report Units	OPR %REC	OPRD %REC	OPR/OPRD Limits	RPD	RPD Max
Batch number: 15321002	Sample number(s): 8135532,8135535,8135538								
2378-TCDD	N.D.	0.0311	1.00	ng/kg	110		67-158		
12378-PeCDD	N.D.	0.0350	5.00	ng/kg	107		70-142		
123478-HxCDD	N.D.	0.0193	5.00	ng/kg	108		70-164		
123678-HxCDD	0.0303 J	0.0197	5.00	ng/kg	110		76-134		
123789-HxCDD	0.0257 J	0.0190	5.00	ng/kg	108		64-162		
1234678-HpCDD	0.0670 J	0.0178	5.00	ng/kg	106		70-140		
OCDD	0.130 J	0.0278	10.0	ng/kg	107		78-144		
2378-TCDF	N.D.	0.0313	1.00	ng/kg	113		75-158		
2378-TCDF-Conf	N.D.	0.0690	1.00	ng/kg	113		75-158		
12378-PeCDF	0.0355 J	0.0156	5.00	ng/kg	108		80-134		
23478-PeCDF	0.0326 J	0.0163	5.00	ng/kg	106		68-160		
123478-HxCDF	0.0288 J	0.0149	5.00	ng/kg	102		72-134		
123678-HxCDF	0.0227 J	0.0123	5.00	ng/kg	104		84-130		
123789-HxCDF	0.0873 J	0.0153	5.00	ng/kg	100		78-130		
234678-HxCDF	N.D.	0.0136	5.00	ng/kg	101		70-156		
1234678-HpCDF	0.0379 J	0.00649	5.00	ng/kg	101		82-122		
1234789-HpCDF	0.0422 J	0.0122	5.00	ng/kg	104		78-138		
OCDF	0.0945 J	0.0281	10.0	ng/kg	104		63-170		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 15327820011A	Sample number(s): 8135532,8135535,8135538 BKG: P135587								
Moisture						17.0	17.5	3	5
Batch number: 15321002	Sample number(s): 8135532,8135535,8135538 UNSPK: P135587								
2378-TCDD	108	106	67-158	1	25				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609497
Reported: 12/01/2015 11:30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
12378-PeCDD	108	110	70-142	5	25				
123478-HxCDD	113	110	70-164	0	25				
123678-HxCDD	110	113	76-134	5	25				
123789-HxCDD	110	112	64-162	4	25				
1234678-HpCDD	107	106	70-140	2	25				
OCDD	103	101	78-144	0	25				
2378-TCDF	107	108	75-158	4	25				
2378-TCDF-Conf	107	108	75-158	4	20				
12378-PeCDF	110	111	80-134	3	25				
23478-PeCDF	111	110	68-160	2	25				
123478-HxCDF	105	104	72-134	2	25				
123678-HxCDF	107	106	84-130	1	25				
123789-HxCDF	102	102	78-130	3	25				
234678-HxCDF	104	103	70-156	2	25				
1234678-HpCDF	106	104	82-122	1	25				
1234789-HpCDF	106	105	78-138	2	25				
OCDF	104	105	63-170	4	25				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Dioxins/Furans in Solids-8290
Batch number: 15321002

	13C12-2378-TCDD	13C12-12378-PeCDD	13C12-123478-HxCDD	13C12-123678-HxCDD	13C12-123789-HxCDD	13C12-1234678-HpCDD
8135532	74	87	73	72	74	65
8135535	80	94	80	79	81	74
8135538	78	85	81	78	81	72
Blank	80	90	96	92	92	92
MS	77	91	83	82	81	81
MSD	78	89	89	86	85	83
OPR	68	77	87	83	86	92
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

	13C12-OCDD	13C12-2378-TCDF	13C12-12378-PeCDF	13C12-23478-PeCDF	13C12-123478-HxCDF	13C12-123678-HxCDF
8135532	57	76	90	93	77	76
8135535	64	86	101	100	84	86
8135538	63		88	89	86	86
Blank	92	75	95	83	84	99
MS	77	81	97	92	87	90
MSD	77	82	99	94	90	94
OPR	86	67	82	73	74	85
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609497
Reported: 12/01/2015 11:30

Surrogate Quality Control

	13C12-234678-HxCDF	13C12-123789-HxCDF	13C12-1234678-HpCDF	13C12-1234789-HpCDF	13C12-OCDF	13C12-2378-TCDF-Conf
8135532	79	77	74	64	56	
8135535	85	86	88	73	62	
8135538	86	87	81	71	59	81
Blank	88	83	127	71	70	79
MS	87	96	103	76	70	81
MSD	90	101	108	78	70	82
OPR	79	81	132	73	67	67
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

9531 / 1609497 / 8135531-41

USEPA
DateShipped: 11/13/2015
CarrierName: FedEx
AirbillNo: 8065 0572 6211

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111315-135232-0023
Cooler #: 2
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED12-0-6	0269-SED12	Grain Size Distribution	Sediment	11/12/2015	16:00	1	16-oz. glass jar	N/A	N
	0269-SED12-12-24	0269-SED12	Grain Size Distribution	Sediment	11/12/2015	16:20	1	16-oz. glass jar	N/A	N
	0269-SED12-12-24	0269-SED12	Dioxins/Furans	Sediment	11/12/2015	16:20	1	8-oz. glass jar	4 C	N
	0269-SED12-6-12	0269-SED12	Grain Size Distribution	Sediment	11/12/2015	16:10	1	16-oz. glass jar	N/A	N
	0269-SED13-0-6	0269-SED13	Grain Size Distribution	Sediment	11/13/2015	11:45	1	16-oz. glass jar	N/A	N
	0269-SED13-12-24	0269-SED13	Grain Size Distribution	Sediment	11/13/2015	12:05	1	16-oz. glass jar	N/A	N
	0269-SED13-12-24	0269-SED13	Dioxins/Furans	Sediment	11/13/2015	12:05	1	8-oz. glass jar	4 C	N
	0269-SED13-6-12	0269-SED13	Grain Size Distribution	Sediment	11/13/2015	11:55	1	16-oz. glass jar	N/A	N
	0269-SED14-0-6	0269-SED14	Grain Size Distribution	Sediment	11/13/2015	12:20	1	16-oz. glass jar	N/A	N
	0269-SED14-6-12	0269-SED14	Grain Size Distribution	Sediment	11/13/2015	12:30	1	16-oz. glass jar	N/A	N
	0269-SED14-6-12	0269-SED14	Dioxins/Furans	Sediment	11/13/2015	12:30	1	8-oz. glass jar	4 C	N
	0269-SED19-0-6	0269-SED19	Grain Size Distribution	Sediment	11/12/2015	15:30	1	16-oz. glass jar	N/A	N
	0269-SED19-12-24	0269-SED19	Grain Size Distribution	Sediment	11/12/2015	15:50	1	16-oz. glass jar	N/A	N
	0269-SED19-6-12	0269-SED19	Grain Size Distribution	Sediment	11/12/2015	15:40	1	16-oz. glass jar	N/A	N

Special Instructions: Wappinger creek
PO # 0089959

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			Paul Ellt	11/14/15 0945	Intact 1.2-4.4°C

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

REFERENCE 40

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

December 01, 2015

Project: Wappinger Creek

Submittal Date: 11/14/2015
Group Number: 1609502
PO Number: 0089959
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
0269-SED07-0-6 Sediment	8135573
0269-SED07-12-24 Sediment	8135574
0269-SED07-6-12 Sediment	8135575
0269-SED07A-12-24 Sediment	8135576
0269-SED08-0-6 Sediment	8135577
0269-SED08-12-24 Sediment	8135578
0269-SED08-6-12 Sediment	8135579
0269-SED09-0-6 Sediment	8135580
0269-SED09-12-24 Sediment	8135581
0269-SED09-6-12 Sediment	8135582
0269-SED10-0-6 Sediment	8135583
0269-SED10-12-24 Sediment	8135584
0269-SED10-6-12 Sediment	8135585
0269-SED11-0-6 Sediment	8135586
0269-SED11-12-24 Sediment	8135587
0269-SED11-12-24 MS Sediment	8135588
0269-SED11-12-24 MSD Sediment	8135589
0269-SED11-6-12 Sediment	8135590

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Weston Solutions, Inc.	Attn: Scott Snyder
ELECTRONIC	Weston Solutions, Inc.	Attn: Denise Breen

COPY TO

Respectfully Submitted,

Katherine A. Klinefelter

Katherine A. Klinefelter
Principal Specialist

(717) 556-7256

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Analysis Report

Sample Description: 0269-SED07-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135573
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 10:45

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	88.5	0.50	0.50	1
07103	3.35 mm	n.a.	88.2	0.50	0.50	1
07103	2.36 mm	n.a.	88.0	0.50	0.50	1
07103	1.18 mm	n.a.	83.9	0.50	0.50	1
07103	0.6 mm	n.a.	75.2	0.50	0.50	1
07103	0.3 mm	n.a.	58.1	0.50	0.50	1
07103	0.15 mm	n.a.	39.4	0.50	0.50	1
07103	0.075 mm	n.a.	29.7	0.50	0.50	1
07103	0.064 mm	n.a.	27.5	0.50	0.50	1
07103	0.05 mm	n.a.	21.0	0.50	0.50	1
07103	0.02 mm	n.a.	13.0	0.50	0.50	1
07103	0.005 mm	n.a.	3.0	0.50	0.50	1
07103	0.002 mm	n.a.	1.5	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED07-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135574
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	98.1	0.50	0.50	1
07103	4.75 mm	n.a.	70.4	0.50	0.50	1
07103	3.35 mm	n.a.	64.5	0.50	0.50	1
07103	2.36 mm	n.a.	59.5	0.50	0.50	1
07103	1.18 mm	n.a.	51.6	0.50	0.50	1
07103	0.6 mm	n.a.	35.7	0.50	0.50	1
07103	0.3 mm	n.a.	21.9	0.50	0.50	1
07103	0.15 mm	n.a.	17.2	0.50	0.50	1
07103	0.075 mm	n.a.	12.9	0.50	0.50	1
07103	0.064 mm	n.a.	11.5	0.50	0.50	1
07103	0.05 mm	n.a.	9.5	0.50	0.50	1
07103	0.02 mm	n.a.	5.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	29.9	0.50	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED07-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135574
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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250 Campus Drive
Edison NJ 08837

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CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**		**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	0.0410	JQ	0.0270	1.37	1
12937	12378-PeCDD	40321-76-4	0.146	JQ	0.0332	6.83	1
12937	123478-HxCDD	39227-28-6	0.0656	JQ	0.0272	6.83	1
12937	123678-HxCDD	57653-85-7	0.111	JBQ	0.0295	6.83	1
12937	123789-HxCDD	19408-74-3	0.124	JBQ	0.0283	6.83	1
12937	1234678-HpCDD	35822-46-9	2.24	JB	0.0300	6.83	1
12937	OCDD	3268-87-9	39.6	B	0.0389	13.7	1
12937	2378-TCDF	51207-31-9	0.126	JQ	0.0274	1.37	1
12937	12378-PeCDF	57117-41-6	0.213	JB	0.0161	6.83	1
12937	23478-PeCDF	57117-31-4	0.157	JBQ	0.0161	6.83	1
12937	123478-HxCDF	70648-26-9	0.107	JB	0.0178	6.83	1
12937	123678-HxCDF	57117-44-9	0.138	JBQ	0.0165	6.83	1
12937	123789-HxCDF	72918-21-9	0.201	JB	0.0173	6.83	1
12937	234678-HxCDF	60851-34-5	0.0540	JQ	0.0161	6.83	1
12937	1234678-HpCDF	67562-39-4	0.335	JB	0.0171	6.83	1
12937	1234789-HpCDF	55673-89-7	0.0585	JB	0.0243	6.83	1
12937	OCDF	39001-02-0	0.529	JB	0.0315	13.7	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	76	40 - 135
13C12-12378-PeCDD	89	40 - 135
13C12-123478-HxCDD	83	40 - 135
13C12-123678-HxCDD	80	40 - 135
13C12-123789-HxCDD	81	40 - 135
13C12-1234678-HpCDD	80	40 - 135
13C12-OCDD	70	40 - 135
13C12-2378-TCDF	81	40 - 135
13C12-12378-PeCDF	97	40 - 135
13C12-23478-PeCDF	92	40 - 135
13C12-123478-HxCDF	84	40 - 135
13C12-123678-HxCDF	88	40 - 135
13C12-234678-HxCDF	86	40 - 135
13C12-123789-HxCDF	89	40 - 135
13C12-1234678-HpCDF	100	40 - 135
13C12-1234789-HpCDF	76	40 - 135
13C12-OCDF	64	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Lancaster Laboratories
Environmental

Analysis Report

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Sample Description: 0269-SED07-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135574
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED07-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135574
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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Edison NJ 08837

WPP07

General Sample Comments

State of New York Certification No. 10670

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 10:27	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/18/2015 08:00	Daniel S Smith	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED07-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135575
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 10:55

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	98.1	0.50	0.50	1
07103	4.75 mm	n.a.	66.7	0.50	0.50	1
07103	3.35 mm	n.a.	57.8	0.50	0.50	1
07103	2.36 mm	n.a.	52.7	0.50	0.50	1
07103	1.18 mm	n.a.	47.5	0.50	0.50	1
07103	0.6 mm	n.a.	38.1	0.50	0.50	1
07103	0.3 mm	n.a.	24.3	0.50	0.50	1
07103	0.15 mm	n.a.	17.0	0.50	0.50	1
07103	0.075 mm	n.a.	13.0	0.50	0.50	1
07103	0.064 mm	n.a.	11.5	0.50	0.50	1
07103	0.05 mm	n.a.	9.0	0.50	0.50	1
07103	0.02 mm	n.a.	5.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.5	0.50	0.50	1
07103	0.002 mm	n.a.	1.0	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Environmental

Analysis Report

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Sample Description: 0269-SED07A-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135576
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:15

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP7A

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	28.0	0.50	0.50	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED07A-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135576
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:15

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP7A

CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**		**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	N.D.		0.0270	1.33	1
12937	12378-PeCDD	40321-76-4	0.0704	J	0.0311	6.63	1
12937	123478-HxCDD	39227-28-6	0.0440	J	0.0273	6.63	1
12937	123678-HxCDD	57653-85-7	0.0635	JBQ	0.0296	6.63	1
12937	123789-HxCDD	19408-74-3	0.0639	JB	0.0269	6.63	1
12937	1234678-HpCDD	35822-46-9	1.72	JB	0.0229	6.63	1
12937	OCDD	3268-87-9	34.0	B	0.0329	13.3	1
12937	2378-TCDF	51207-31-9	0.113	JQ	0.0295	1.33	1
12937	12378-PeCDF	57117-41-6	0.194	JB	0.0161	6.63	1
12937	23478-PeCDF	57117-31-4	0.0830	JBQ	0.0160	6.63	1
12937	123478-HxCDF	70648-26-9	0.0607	JBQ	0.0159	6.63	1
12937	123678-HxCDF	57117-44-9	0.0838	JBQ	0.0150	6.63	1
12937	123789-HxCDF	72918-21-9	0.140	JB	0.0157	6.63	1
12937	234678-HxCDF	60851-34-5	0.0546	JQ	0.0144	6.63	1
12937	1234678-HpCDF	67562-39-4	0.177	JB	0.0128	6.63	1
12937	1234789-HpCDF	55673-89-7	0.0212	JBQ	0.0177	6.63	1
12937	OCDF	39001-02-0	0.308	JBQ	0.0231	13.3	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	76	40 - 135
13C12-12378-PeCDD	87	40 - 135
13C12-123478-HxCDD	82	40 - 135
13C12-123678-HxCDD	78	40 - 135
13C12-123789-HxCDD	82	40 - 135
13C12-1234678-HpCDD	79	40 - 135
13C12-OCDD	73	40 - 135
13C12-2378-TCDF	80	40 - 135
13C12-12378-PeCDF	93	40 - 135
13C12-23478-PeCDF	89	40 - 135
13C12-123478-HxCDF	84	40 - 135
13C12-123678-HxCDF	88	40 - 135
13C12-234678-HxCDF	86	40 - 135
13C12-123789-HxCDF	88	40 - 135
13C12-1234678-HpCDF	100	40 - 135
13C12-1234789-HpCDF	76	40 - 135
13C12-OCDF	68	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: 0269-SED07A-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135576
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:15

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP7A

CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED07A-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135576
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:15

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP7A

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 11:23	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: 0269-SED08-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135577
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.9	0.50	0.50	1
07103	3.35 mm	n.a.	99.7	0.50	0.50	1
07103	2.36 mm	n.a.	99.4	0.50	0.50	1
07103	1.18 mm	n.a.	85.5	0.50	0.50	1
07103	0.6 mm	n.a.	76.6	0.50	0.50	1
07103	0.3 mm	n.a.	67.7	0.50	0.50	1
07103	0.15 mm	n.a.	61.0	0.50	0.50	1
07103	0.075 mm	n.a.	55.8	0.50	0.50	1
07103	0.064 mm	n.a.	55.0	0.50	0.50	1
07103	0.05 mm	n.a.	54.0	0.50	0.50	1
07103	0.02 mm	n.a.	35.0	0.50	0.50	1
07103	0.005 mm	n.a.	8.5	0.50	0.50	1
07103	0.002 mm	n.a.	3.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED08-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135578
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:50

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.8	0.50	0.50	1
07103	3.35 mm	n.a.	99.7	0.50	0.50	1
07103	2.36 mm	n.a.	99.3	0.50	0.50	1
07103	1.18 mm	n.a.	96.6	0.50	0.50	1
07103	0.6 mm	n.a.	94.3	0.50	0.50	1
07103	0.3 mm	n.a.	91.3	0.50	0.50	1
07103	0.15 mm	n.a.	87.3	0.50	0.50	1
07103	0.075 mm	n.a.	82.5	0.50	0.50	1
07103	0.064 mm	n.a.	81.0	0.50	0.50	1
07103	0.05 mm	n.a.	79.0	0.50	0.50	1
07103	0.02 mm	n.a.	60.0	0.50	0.50	1
07103	0.005 mm	n.a.	17.5	0.50	0.50	1
07103	0.002 mm	n.a.	4.5	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED08-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135579
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 11:40

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.7	0.50	0.50	1
07103	3.35 mm	n.a.	90.3	0.50	0.50	1
07103	2.36 mm	n.a.	90.0	0.50	0.50	1
07103	1.18 mm	n.a.	88.7	0.50	0.50	1
07103	0.6 mm	n.a.	84.6	0.50	0.50	1
07103	0.3 mm	n.a.	79.3	0.50	0.50	1
07103	0.15 mm	n.a.	74.9	0.50	0.50	1
07103	0.075 mm	n.a.	70.8	0.50	0.50	1
07103	0.064 mm	n.a.	69.5	0.50	0.50	1
07103	0.05 mm	n.a.	68.0	0.50	0.50	1
07103	0.02 mm	n.a.	51.0	0.50	0.50	1
07103	0.005 mm	n.a.	15.5	0.50	0.50	1
07103	0.002 mm	n.a.	6.5	0.50	0.50	1
07103	0.001 mm	n.a.	2.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

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Analysis Report

Sample Description: 0269-SED09-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135580
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 12:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.6	0.50	0.50	1
07103	3.35 mm	n.a.	99.4	0.50	0.50	1
07103	2.36 mm	n.a.	99.0	0.50	0.50	1
07103	1.18 mm	n.a.	92.6	0.50	0.50	1
07103	0.6 mm	n.a.	90.5	0.50	0.50	1
07103	0.3 mm	n.a.	86.9	0.50	0.50	1
07103	0.15 mm	n.a.	79.7	0.50	0.50	1
07103	0.075 mm	n.a.	67.8	0.50	0.50	1
07103	0.064 mm	n.a.	64.5	0.50	0.50	1
07103	0.05 mm	n.a.	58.5	0.50	0.50	1
07103	0.02 mm	n.a.	38.0	0.50	0.50	1
07103	0.005 mm	n.a.	8.5	0.50	0.50	1
07103	0.002 mm	n.a.	2.5	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

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Analysis Report

Sample Description: 0269-SED09-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135581
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 12:30

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.8	0.50	0.50	1
07103	3.35 mm	n.a.	99.6	0.50	0.50	1
07103	2.36 mm	n.a.	99.2	0.50	0.50	1
07103	1.18 mm	n.a.	92.7	0.50	0.50	1
07103	0.6 mm	n.a.	87.7	0.50	0.50	1
07103	0.3 mm	n.a.	81.7	0.50	0.50	1
07103	0.15 mm	n.a.	75.2	0.50	0.50	1
07103	0.075 mm	n.a.	68.6	0.50	0.50	1
07103	0.064 mm	n.a.	68.0	0.50	0.50	1
07103	0.05 mm	n.a.	64.5	0.50	0.50	1
07103	0.02 mm	n.a.	45.0	0.50	0.50	1
07103	0.005 mm	n.a.	14.0	0.50	0.50	1
07103	0.002 mm	n.a.	4.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED09-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135582
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 12:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.5	0.50	0.50	1
07103	3.35 mm	n.a.	99.2	0.50	0.50	1
07103	2.36 mm	n.a.	98.9	0.50	0.50	1
07103	1.18 mm	n.a.	88.4	0.50	0.50	1
07103	0.6 mm	n.a.	79.6	0.50	0.50	1
07103	0.3 mm	n.a.	72.3	0.50	0.50	1
07103	0.15 mm	n.a.	64.4	0.50	0.50	1
07103	0.075 mm	n.a.	57.3	0.50	0.50	1
07103	0.064 mm	n.a.	56.0	0.50	0.50	1
07103	0.05 mm	n.a.	53.0	0.50	0.50	1
07103	0.02 mm	n.a.	37.0	0.50	0.50	1
07103	0.005 mm	n.a.	8.5	0.50	0.50	1
07103	0.002 mm	n.a.	2.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710301A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED10-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135583
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 14:15

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	99.3	0.50	0.50	1
07103	4.75 mm	n.a.	98.8	0.50	0.50	1
07103	3.35 mm	n.a.	98.6	0.50	0.50	1
07103	2.36 mm	n.a.	98.0	0.50	0.50	1
07103	1.18 mm	n.a.	94.3	0.50	0.50	1
07103	0.6 mm	n.a.	89.6	0.50	0.50	1
07103	0.3 mm	n.a.	86.2	0.50	0.50	1
07103	0.15 mm	n.a.	83.3	0.50	0.50	1
07103	0.075 mm	n.a.	78.7	0.50	0.50	1
07103	0.064 mm	n.a.	77.0	0.50	0.50	1
07103	0.05 mm	n.a.	72.5	0.50	0.50	1
07103	0.02 mm	n.a.	50.0	0.50	0.50	1
07103	0.005 mm	n.a.	14.0	0.50	0.50	1
07103	0.002 mm	n.a.	4.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED10-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135584
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 14:35

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.2	0.50	0.50	1
07103	3.35 mm	n.a.	99.1	0.50	0.50	1
07103	2.36 mm	n.a.	98.9	0.50	0.50	1
07103	1.18 mm	n.a.	98.1	0.50	0.50	1
07103	0.6 mm	n.a.	94.2	0.50	0.50	1
07103	0.3 mm	n.a.	89.3	0.50	0.50	1
07103	0.15 mm	n.a.	85.0	0.50	0.50	1
07103	0.075 mm	n.a.	77.7	0.50	0.50	1
07103	0.064 mm	n.a.	74.0	0.50	0.50	1
07103	0.05 mm	n.a.	67.0	0.50	0.50	1
07103	0.02 mm	n.a.	44.5	0.50	0.50	1
07103	0.005 mm	n.a.	12.0	0.50	0.50	1
07103	0.002 mm	n.a.	4.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED10-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135585
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 14:25

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	99.9	0.50	0.50	1
07103	2.36 mm	n.a.	99.5	0.50	0.50	1
07103	1.18 mm	n.a.	98.7	0.50	0.50	1
07103	0.6 mm	n.a.	94.9	0.50	0.50	1
07103	0.3 mm	n.a.	89.0	0.50	0.50	1
07103	0.15 mm	n.a.	83.5	0.50	0.50	1
07103	0.075 mm	n.a.	76.8	0.50	0.50	1
07103	0.064 mm	n.a.	74.0	0.50	0.50	1
07103	0.05 mm	n.a.	68.0	0.50	0.50	1
07103	0.02 mm	n.a.	47.0	0.50	0.50	1
07103	0.005 mm	n.a.	18.0	0.50	0.50	1
07103	0.002 mm	n.a.	7.0	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-0-6 Sediment
Wappinger Creek

LL Sample # SW 8135586
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:00

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	71.5	0.50	0.50	1
07103	3.35 mm	n.a.	61.7	0.50	0.50	1
07103	2.36 mm	n.a.	51.8	0.50	0.50	1
07103	1.18 mm	n.a.	38.6	0.50	0.50	1
07103	0.6 mm	n.a.	25.7	0.50	0.50	1
07103	0.3 mm	n.a.	16.9	0.50	0.50	1
07103	0.15 mm	n.a.	11.5	0.50	0.50	1
07103	0.075 mm	n.a.	7.6	0.50	0.50	1
07103	0.064 mm	n.a.	7.0	0.50	0.50	1
07103	0.05 mm	n.a.	6.0	0.50	0.50	1
07103	0.02 mm	n.a.	3.0	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	0.50	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135587
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	81.8	0.50	0.50	1
07103	3.35 mm	n.a.	67.2	0.50	0.50	1
07103	2.36 mm	n.a.	50.3	0.50	0.50	1
07103	1.18 mm	n.a.	33.1	0.50	0.50	1
07103	0.6 mm	n.a.	18.8	0.50	0.50	1
07103	0.3 mm	n.a.	11.2	0.50	0.50	1
07103	0.15 mm	n.a.	8.7	0.50	0.50	1
07103	0.075 mm	n.a.	7.1	0.50	0.50	1
07103	0.064 mm	n.a.	6.0	0.50	0.50	1
07103	0.05 mm	n.a.	4.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.0	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00111	Moisture	n.a.	17.0	0.50	0.50	1

Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.

*=This limit was used in the evaluation of the final result

Sample Description: 0269-SED11-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135587
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**	**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	0.0635 JQ	0.0190	1.18	1
12937	12378-PeCDD	40321-76-4	0.0472 JQ	0.0178	5.88	1
12937	123478-HxCDD	39227-28-6	0.0181 JQ	0.0166	5.88	1
12937	123678-HxCDD	57653-85-7	0.0458 JBQ	0.0167	5.88	1
12937	123789-HxCDD	19408-74-3	0.0496 JBQ	0.0161	5.88	1
12937	1234678-HpCDD	35822-46-9	0.653 JB	0.0196	5.88	1
12937	OCDD	3268-87-9	24.1 B	0.0333	11.8	1
12937	2378-TCDF	51207-31-9	0.207 JQ	0.0205	1.18	1
12937	12378-PeCDF	57117-41-6	0.147 JBQ	0.00975	5.88	1
12937	23478-PeCDF	57117-31-4	0.114 JBQ	0.00962	5.88	1
12937	123478-HxCDF	70648-26-9	0.0517 JB	0.0119	5.88	1
12937	123678-HxCDF	57117-44-9	0.0394 JBQ	0.0123	5.88	1
12937	123789-HxCDF	72918-21-9	0.112 JBQ	0.0128	5.88	1
12937	234678-HxCDF	60851-34-5	0.0470 J	0.0116	5.88	1
12937	1234678-HpCDF	67562-39-4	0.190 JB	0.00869	5.88	1
12937	1234789-HpCDF	55673-89-7	0.0282 JBQ	0.0108	5.88	1
12937	OCDF	39001-02-0	0.443 JB	0.0225	11.8	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	84	40 - 135
13C12-12378-PeCDD	97	40 - 135
13C12-123478-HxCDD	83	40 - 135
13C12-123678-HxCDD	80	40 - 135
13C12-123789-HxCDD	82	40 - 135
13C12-1234678-HpCDD	76	40 - 135
13C12-OCDD	71	40 - 135
13C12-2378-TCDF	86	40 - 135
13C12-12378-PeCDF	94	40 - 135
13C12-23478-PeCDF	91	40 - 135
13C12-123478-HxCDF	90	40 - 135
13C12-123678-HxCDF	87	40 - 135
13C12-234678-HxCDF	90	40 - 135
13C12-123789-HxCDF	86	40 - 135
13C12-1234678-HpCDF	86	40 - 135
13C12-1234789-HpCDF	76	40 - 135
13C12-OCDF	69	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED11-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135587
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 Sediment
Wappinger Creek

LL Sample # SW 8135587
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP11

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 17:18	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1
00111	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MS Sediment
Wappinger Creek

LL Sample # SW 8135588
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry		**SM 2540 G-1997**	%	%	%	
00118	Moisture	n.a.	17.0	0.50	0.50	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MS Sediment
Wappinger Creek

LL Sample # SW 8135588
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		**ng/kg**		**ng/kg**	**ng/kg**	
12937	2378-TCDD	1746-01-6	24.9		0.0298	1.15	1
12937	12378-PeCDD	40321-76-4	124		0.0369	5.76	1
12937	123478-HxCDD	39227-28-6	130		0.0330	5.76	1
12937	123678-HxCDD	57653-85-7	126	B	0.0337	5.76	1
12937	123789-HxCDD	19408-74-3	127	B	0.0326	5.76	1
12937	1234678-HpCDD	35822-46-9	124	B	0.0448	5.76	1
12937	OCDD	3268-87-9	262	B	0.0392	11.5	1
12937	2378-TCDF	51207-31-9	24.9		0.0325	1.15	1
12937	12378-PeCDF	57117-41-6	127	B	0.0200	5.76	1
12937	23478-PeCDF	57117-31-4	128	B	0.0193	5.76	1
12937	123478-HxCDF	70648-26-9	121	B	0.0422	5.76	1
12937	123678-HxCDF	57117-44-9	123	B	0.0401	5.76	1
12937	123789-HxCDF	72918-21-9	117	B	0.0409	5.76	1
12937	234678-HxCDF	60851-34-5	120		0.0392	5.76	1
12937	1234678-HpCDF	67562-39-4	122	B	0.0299	5.76	1
12937	1234789-HpCDF	55673-89-7	123	B	0.0427	5.76	1
12937	OCDF	39001-02-0	240	B	0.0336	11.5	1

Labeled Compounds	**%Rec**	**Windows**
13C12-2378-TCDD	77	40 - 135
13C12-12378-PeCDD	91	40 - 135
13C12-123478-HxCDD	83	40 - 135
13C12-123678-HxCDD	82	40 - 135
13C12-123789-HxCDD	81	40 - 135
13C12-1234678-HpCDD	81	40 - 135
13C12-OCDD	77	40 - 135
13C12-2378-TCDF	81	40 - 135
13C12-12378-PeCDF	97	40 - 135
13C12-23478-PeCDF	92	40 - 135
13C12-123478-HxCDF	87	40 - 135
13C12-123678-HxCDF	90	40 - 135
13C12-234678-HxCDF	87	40 - 135
13C12-123789-HxCDF	96	40 - 135
13C12-1234678-HpCDF	103	40 - 135
13C12-1234789-HpCDF	76	40 - 135
13C12-OCDF	70	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

Sample Description: 0269-SED11-12-24 MS Sediment
Wappinger Creek

LL Sample # SW 8135588
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

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CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MS Sediment
Wappinger Creek

LL Sample # SW 8135588
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP11

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 18:15	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
00118	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MSD Sediment
Wappinger Creek

LL Sample # SW 8135589
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	**SM 2540 G-1997**		%	%	%	
00118	Moisture	n.a.	17.0	0.50	0.50	1
00121	Moisture Duplicate	n.a.	17.5	0.50	0.50	1

The duplicate moisture value is provided to assess the precision of the moisture test. For comparability purposes, the initial moisture determination is the value used to perform dry weight calculations.

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MSD Sediment
Wappinger Creek

LL Sample # SW 8135589
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

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WPP11

CAT No.	Analysis Name	CAS Number	Dry Result		Dry EDL*	Dry MRL	Dilution Factor
Dioxins/Furans	**SW-846 8290A Feb 2007 Rev 1**		ng/kg		ng/kg	ng/kg	
12937	2378-TCDD	1746-01-6	25.2		0.0292	1.18	1
12937	12378-PeCDD	40321-76-4	130		0.0349	5.91	1
12937	123478-HxCDD	39227-28-6	130		0.0299	5.91	1
12937	123678-HxCDD	57653-85-7	133	B	0.0323	5.91	1
12937	123789-HxCDD	19408-74-3	132	B	0.0318	5.91	1
12937	1234678-HpCDD	35822-46-9	126	B	0.0449	5.91	1
12937	OCDD	3268-87-9	263	B	0.0467	11.8	1
12937	2378-TCDF	51207-31-9	25.8		0.0320	1.18	1
12937	12378-PeCDF	57117-41-6	131	B	0.0203	5.91	1
12937	23478-PeCDF	57117-31-4	131	B	0.0201	5.91	1
12937	123478-HxCDF	70648-26-9	123	B	0.0435	5.91	1
12937	123678-HxCDF	57117-44-9	125	B	0.0402	5.91	1
12937	123789-HxCDF	72918-21-9	120	B	0.0396	5.91	1
12937	234678-HxCDF	60851-34-5	122		0.0407	5.91	1
12937	1234678-HpCDF	67562-39-4	123	B	0.0324	5.91	1
12937	1234789-HpCDF	55673-89-7	125	B	0.0483	5.91	1
12937	OCDF	39001-02-0	249	B	0.0346	11.8	1

Labeled Compounds	%Rec	Windows
13C12-2378-TCDD	78	40 - 135
13C12-12378-PeCDD	89	40 - 135
13C12-123478-HxCDD	89	40 - 135
13C12-123678-HxCDD	86	40 - 135
13C12-123789-HxCDD	85	40 - 135
13C12-1234678-HpCDD	83	40 - 135
13C12-OCDD	77	40 - 135
13C12-2378-TCDF	82	40 - 135
13C12-12378-PeCDF	99	40 - 135
13C12-23478-PeCDF	94	40 - 135
13C12-123478-HxCDF	90	40 - 135
13C12-123678-HxCDF	94	40 - 135
13C12-234678-HxCDF	90	40 - 135
13C12-123789-HxCDF	101	40 - 135
13C12-1234678-HpCDF	108	40 - 135
13C12-1234789-HpCDF	78	40 - 135
13C12-OCDF	70	40 - 135

Dioxins/Furans Data Qualifiers:

B	*Detected in Method Blank*
U	*Undetected*
J	*Estimated concentration between Estimated Detection Limit and Minimum Level*
E	*Exceeds calibration range*
C	*Confirmed quantitation on secondary GC column*
Q	*EMPC - Estimated Maximum Possible Concentration*
F	*Interference is present*

*=This limit was used in the evaluation of the final result

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Analysis Report

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Sample Description: 0269-SED11-12-24 MSD Sediment
Wappinger Creek

LL Sample # SW 8135589
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry EDL*	Dry MRL	Dilution Factor
S	*Saturation of detection signal*					

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-12-24 MSD Sediment
Wappinger Creek

LL Sample # SW 8135589
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:20

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

WPP11

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
12937	Dioxins/Furans in Solids-8290	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/21/2015 19:11	Michael A Ziegler	1
11030	Dioxins/Furans in Solids - Sox	SW-846 8290A Feb 2007 Rev 1	1	15321002	11/17/2015 11:20	Brett M Weidman	1
00118	Moisture	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1
00121	Moisture Duplicate	SM 2540 G-1997	1	15327820011A	11/24/2015 10:02	William C Schwebel	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED11-6-12 Sediment
Wappinger Creek

LL Sample # SW 8135590
LL Group # 1609502
Account # 09531

Project Name: Wappinger Creek

Collected: 11/12/2015 15:10

Submitted: 11/14/2015 09:45
Reported: 12/01/2015 11:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	66.2	0.50	0.50	1
07103	3.35 mm	n.a.	51.7	0.50	0.50	1
07103	2.36 mm	n.a.	39.5	0.50	0.50	1
07103	1.18 mm	n.a.	22.1	0.50	0.50	1
07103	0.6 mm	n.a.	9.8	0.50	0.50	1
07103	0.3 mm	n.a.	4.5	0.50	0.50	1
07103	0.15 mm	n.a.	3.3	0.50	0.50	1
07103	0.075 mm	n.a.	2.7	0.50	0.50	1
07103	0.064 mm	n.a.	2.0	0.50	0.50	1
07103	0.05 mm	n.a.	2.0	0.50	0.50	1
07103	0.02 mm	n.a.	1.0	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15319710302A	11/15/2015 08:00	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609502
Reported: 12/01/2015 11:30

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 15327820011A	Sample number(s): 8135574,8135576,8135587-8135589								
Moisture					100		99-101		
Moisture					100		99-101		
Moisture Duplicate					100		99-101		

Analysis Name	Blank Result	Blank EDL**	Blank MRL	Report Units	OPR %REC	OPRD %REC	OPR/OPRD Limits	RPD	RPD Max
Batch number: 15321002	Sample number(s): 8135574,8135576,8135587-8135589								
2378-TCDD	N.D.	0.0311	1.00	ng/kg	110		67-158		
12378-PeCDD	N.D.	0.0350	5.00	ng/kg	107		70-142		
123478-HxCDD	N.D.	0.0193	5.00	ng/kg	108		70-164		
123678-HxCDD	0.0303 J	0.0197	5.00	ng/kg	110		76-134		
123789-HxCDD	0.0257 J	0.0190	5.00	ng/kg	108		64-162		
1234678-HpCDD	0.0670 J	0.0178	5.00	ng/kg	106		70-140		
OCDD	0.130 J	0.0278	10.0	ng/kg	107		78-144		
2378-TCDF	N.D.	0.0313	1.00	ng/kg	113		75-158		
12378-PeCDF	0.0355 J	0.0156	5.00	ng/kg	108		80-134		
23478-PeCDF	0.0326 J	0.0163	5.00	ng/kg	106		68-160		
123478-HxCDF	0.0288 J	0.0149	5.00	ng/kg	102		72-134		
123678-HxCDF	0.0227 J	0.0123	5.00	ng/kg	104		84-130		
123789-HxCDF	0.0873 J	0.0153	5.00	ng/kg	100		78-130		
234678-HxCDF	N.D.	0.0136	5.00	ng/kg	101		70-156		
1234678-HpCDF	0.0379 J	0.00649	5.00	ng/kg	101		82-122		
1234789-HpCDF	0.0422 J	0.0122	5.00	ng/kg	104		78-138		
OCDF	0.0945 J	0.0281	10.0	ng/kg	104		63-170		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 15327820011A	Sample number(s): 8135574,8135576,8135587-8135589					BKG: 8135587			
Moisture						17.0	17.5	3	5
Moisture						17.0	17.5	3	5
Moisture Duplicate						17.0	17.5	3	5

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609502
Reported: 12/01/2015 11:30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 15321002	Sample number(s): 8135574,8135576,8135587-8135589 UNSPK: 8135587								
2378-TCDD	108	106	67-158	1	25				
12378-PeCDD	108	110	70-142	5	25				
123478-HxCDD	113	110	70-164	0	25				
123678-HxCDD	110	113	76-134	5	25				
123789-HxCDD	110	112	64-162	4	25				
1234678-HpCDD	107	106	70-140	2	25				
OCDD	103	101	78-144	0	25				
2378-TCDF	107	108	75-158	4	25				
12378-PeCDF	110	111	80-134	3	25				
23478-PeCDF	111	110	68-160	2	25				
123478-HxCDF	105	104	72-134	2	25				
123678-HxCDF	107	106	84-130	1	25				
123789-HxCDF	102	102	78-130	3	25				
234678-HxCDF	104	103	70-156	2	25				
1234678-HpCDF	106	104	82-122	1	25				
1234789-HpCDF	106	105	78-138	2	25				
OCDF	104	105	63-170	4	25				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Dioxins/Furans in Solids-8290
Batch number: 15321002

	13C12-2378-TCDD	13C12-12378-PeCDD	13C12-123478-HxCDD	13C12-123678-HxCDD	13C12-123789-HxCDD	13C12-1234678-HpCDD
8135574	76	89	83	80	81	80
8135576	76	87	82	78	82	79
8135587	84	97	83	80	82	76
8135588	77	91	83	82	81	81
8135589	78	89	89	86	85	83
Blank	80	90	96	92	92	92
MS	77	91	83	82	81	81
MSD	78	89	89	86	85	83
OPR	68	77	87	83	86	92
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

	13C12-OCDD	13C12-2378-TCDF	13C12-12378-PeCDF	13C12-23478-PeCDF	13C12-123478-HxCDF	13C12-123678-HxCDF
8135574	70	81	97	92	84	88
8135576	73	80	93	89	84	88
8135587	71	86	94	91	90	87
8135588	77	81	97	92	87	90
8135589	77	82	99	94	90	94
Blank	92	75	95	83	84	99

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609502
Reported: 12/01/2015 11:30

Surrogate Quality Control

MS	77	81	97	92	87	90
MSD	77	82	99	94	90	94
OPR	86	67	82	73	74	85
Limits:	40-135	40-135	40-135	40-135	40-135	40-135

	13C12-234678-HxCDF	13C12-123789-HxCDF	13C12-1234678-HpCDF	13C12-1234789-HpCDF	13C12-OCDF
8135574	86	89	100	76	64
8135576	86	88	100	76	68
8135587	90	86	86	76	69
8135588	87	96	103	76	70
8135589	90	101	108	78	70
Blank	88	83	127	71	70
MS	87	96	103	76	70
MSD	90	101	108	78	70
OPR	79	81	132	73	67
Limits:	40-135	40-135	40-135	40-135	40-135

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ / MRL.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

9531 / ~~1609495~~ / ~~8135499-514~~
1609502 / 8135573-90

JH 11/14/15

USEPA
DateShipped: 11/13/2015
CarrierName: FedEx
AirbillNo: 8065 05726211

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111315-091945-0019
Cooler #: 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED07-0-6	0269-SED07	Grain Size Distribution	Sediment	11/12/2015	10:45	1	16-oz. glass jar	N/A	N
	0269-SED07-12-24	0269-SED07	Grain Size Distribution	Sediment	11/12/2015	11:10	1	16-oz. glass jar	N/A	N
	0269-SED07-12-24	0269-SED07	Dioxins/Furans	Sediment	11/12/2015	11:10	1	8-oz. glass jar	4 C	N
	0269-SED07-6-12	0269-SED07	Grain Size Distribution	Sediment	11/12/2015	10:55	1	16-oz. glass jar	N/A	N
	0269-SED07A-12-24	0269-SED07	Dioxins/Furans	Sediment	11/12/2015	11:15	1	8-oz. glass jar	4 C	N
	0269-SED08-0-6	0269-SED08	Grain Size Distribution	Sediment	11/12/2015	11:30	1	16-oz. glass jar	N/A	N
	0269-SED08-12-24	0269-SED08	Grain Size Distribution	Sediment	11/12/2015	11:50	1	16-oz. glass jar	N/A	N
	0269-SED08-6-12	0269-SED08	Grain Size Distribution	Sediment	11/12/2015	11:40	1	16-oz. glass jar	N/A	N
	0269-SED09-0-6	0269-SED09	Grain Size Distribution	Sediment	11/12/2015	12:10	1	16-oz. glass jar	N/A	N
	0269-SED09-12-24	0269-SED09	Grain Size Distribution	Sediment	11/12/2015	12:30	1	16-oz. glass jar	N/A	N
	0269-SED09-6-12	0269-SED09	Grain Size Distribution	Sediment	11/12/2015	12:20	1	16-oz. glass jar	N/A	N
	0269-SED10-0-6	0269-SED10	Grain Size Distribution	Sediment	11/12/2015	14:15	1	16-oz. glass jar	N/A	N
	0269-SED10-12-24	0269-SED10	Grain Size Distribution	Sediment	11/12/2015	14:35	1	16-oz. glass jar	N/A	N
	0269-SED10-6-12	0269-SED10	Grain Size Distribution	Sediment	11/12/2015	14:25	1	16-oz. glass jar	N/A	N

Special Instructions: PO #: 0089959 Wappinger Creek	
	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			ELLE	11/14/15 0945	Intact 1.2-4.4°C

9531 | ~~1609495~~ | ~~8135499-514~~
1609502 | 8135573-90

USEPA
DateShipped: 11/13/2015
CarrierName: FedEx
AirbillNo: 8065 05726211

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111315-091945-0019
Cooler #: 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED11-0-6	0269-SED11	Grain Size Distribution	Sediment	11/12/2015	15:00	1	16-oz. glass jar	N/A	N
	0269-SED11-12-24	0269-SED11	Grain Size Distribution	Sediment	11/12/2015	15:20	1	16-oz. glass jar	N/A	N
	0269-SED11-12-24	0269-SED11	Dioxins/Furans	Sediment	11/12/2015	15:20	2	8-oz. glass jar	4 C	Y
	0269-SED11-6-12	0269-SED11	Grain Size Distribution	Sediment	11/12/2015	15:10	1	16-oz. glass jar	N/A	N

DB

Special Instructions: PO #: 0089959 Wappinger Creek

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen / WESTON	11/13/15 1530	FEDEX	11/13/15 1530	
			ELLE	11/14/15 0945	Intact 1.2-4.4°C

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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REFERENCE 41

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

November 30, 2015

Project: Wappinger Creek

Submittal Date: 11/17/2015
Group Number: 1609958
PO Number: 0089959
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
0269-SED15-0-6 Sediment	8137351
0269-SED15-12-24 Sediment	8137352
0269-SED15-6-12 Sediment	8137353
0269-SED16-0-6 Sediment	8137354
0269-SED16-12-24 Sediment	8137355
0269-SED16-6-12 Sediment	8137356
0269-SED17-0-6 Sediment	8137357
0269-SED17-12-24 Sediment	8137358
0269-SED17-6-12 Sediment	8137359
0269-SED18-0-6 Sediment	8137360
0269-SED18-12-24 Sediment	8137361
0269-SED18-6-12 Sediment	8137362
0269-SED20-0-6 Sediment	8137363
0269-SED20-6-12 Sediment	8137365
0269-SED21-0-6 Sediment	8137366
0269-SED21-12-24 Sediment	8137367
0269-SED21-6-12 Sediment	8137368

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Weston Solutions, Inc.	Attn: Scott Snyder
ELECTRONIC COPY TO	Weston Solutions, Inc.	Attn: Denise Breen

Respectfully Submitted,

Katherine A. Klinefelter

Katherine A. Klinefelter
Principal Specialist

(717) 556-7256

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED15-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137351
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 09:50

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.6	0.50	0.50	1
07103	3.35 mm	n.a.	99.3	0.50	0.50	1
07103	2.36 mm	n.a.	99.0	0.50	0.50	1
07103	1.18 mm	n.a.	97.7	0.50	0.50	1
07103	0.6 mm	n.a.	96.2	0.50	0.50	1
07103	0.3 mm	n.a.	93.9	0.50	0.50	1
07103	0.15 mm	n.a.	87.3	0.50	0.50	1
07103	0.075 mm	n.a.	73.1	0.50	0.50	1
07103	0.064 mm	n.a.	68.5	0.50	0.50	1
07103	0.05 mm	n.a.	59.0	0.50	0.50	1
07103	0.02 mm	n.a.	39.0	0.50	0.50	1
07103	0.005 mm	n.a.	11.5	0.50	0.50	1
07103	0.002 mm	n.a.	7.0	0.50	0.50	1
07103	0.001 mm	n.a.	4.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED15-12-24 Sediment
Wappinger Creek

LL Sample # SW 8137352
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 10:10

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.5	0.50	0.50	1
07103	3.35 mm	n.a.	99.5	0.50	0.50	1
07103	2.36 mm	n.a.	99.2	0.50	0.50	1
07103	1.18 mm	n.a.	98.9	0.50	0.50	1
07103	0.6 mm	n.a.	98.7	0.50	0.50	1
07103	0.3 mm	n.a.	98.1	0.50	0.50	1
07103	0.15 mm	n.a.	94.7	0.50	0.50	1
07103	0.075 mm	n.a.	89.3	0.50	0.50	1
07103	0.064 mm	n.a.	87.0	0.50	0.50	1
07103	0.05 mm	n.a.	81.0	0.50	0.50	1
07103	0.02 mm	n.a.	67.0	0.50	0.50	1
07103	0.005 mm	n.a.	23.5	0.50	0.50	1
07103	0.002 mm	n.a.	13.5	0.50	0.50	1
07103	0.001 mm	n.a.	7.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED15-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137353
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 10:00

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	99.8	0.50	0.50	1
07103	1.18 mm	n.a.	99.6	0.50	0.50	1
07103	0.6 mm	n.a.	99.2	0.50	0.50	1
07103	0.3 mm	n.a.	98.1	0.50	0.50	1
07103	0.15 mm	n.a.	96.7	0.50	0.50	1
07103	0.075 mm	n.a.	92.7	0.50	0.50	1
07103	0.064 mm	n.a.	90.0	0.50	0.50	1
07103	0.05 mm	n.a.	82.5	0.50	0.50	1
07103	0.02 mm	n.a.	61.5	0.50	0.50	1
07103	0.005 mm	n.a.	21.5	0.50	0.50	1
07103	0.002 mm	n.a.	12.0	0.50	0.50	1
07103	0.001 mm	n.a.	5.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED16-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137354
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 10:30

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.5	0.50	0.50	1
07103	0.6 mm	n.a.	98.0	0.50	0.50	1
07103	0.3 mm	n.a.	95.3	0.50	0.50	1
07103	0.15 mm	n.a.	84.4	0.50	0.50	1
07103	0.075 mm	n.a.	64.5	0.50	0.50	1
07103	0.064 mm	n.a.	60.0	0.50	0.50	1
07103	0.05 mm	n.a.	50.5	0.50	0.50	1
07103	0.02 mm	n.a.	31.0	0.50	0.50	1
07103	0.005 mm	n.a.	18.0	0.50	0.50	1
07103	0.002 mm	n.a.	9.5	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED16-12-24 Sediment
Wappinger Creek

LL Sample # SW 8137355
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 10:50

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	99.9	0.50	0.50	1
07103	4.75 mm	n.a.	99.6	0.50	0.50	1
07103	3.35 mm	n.a.	99.6	0.50	0.50	1
07103	2.36 mm	n.a.	99.6	0.50	0.50	1
07103	1.18 mm	n.a.	99.4	0.50	0.50	1
07103	0.6 mm	n.a.	99.0	0.50	0.50	1
07103	0.3 mm	n.a.	97.8	0.50	0.50	1
07103	0.15 mm	n.a.	90.6	0.50	0.50	1
07103	0.075 mm	n.a.	78.9	0.50	0.50	1
07103	0.064 mm	n.a.	74.5	0.50	0.50	1
07103	0.05 mm	n.a.	67.0	0.50	0.50	1
07103	0.02 mm	n.a.	41.5	0.50	0.50	1
07103	0.005 mm	n.a.	19.0	0.50	0.50	1
07103	0.002 mm	n.a.	10.0	0.50	0.50	1
07103	0.001 mm	n.a.	3.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED16-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137356
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 10:40

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.5	0.50	0.50	1
07103	0.6 mm	n.a.	98.4	0.50	0.50	1
07103	0.3 mm	n.a.	96.1	0.50	0.50	1
07103	0.15 mm	n.a.	86.6	0.50	0.50	1
07103	0.075 mm	n.a.	67.4	0.50	0.50	1
07103	0.064 mm	n.a.	62.0	0.50	0.50	1
07103	0.05 mm	n.a.	51.0	0.50	0.50	1
07103	0.02 mm	n.a.	32.0	0.50	0.50	1
07103	0.005 mm	n.a.	11.0	0.50	0.50	1
07103	0.002 mm	n.a.	6.0	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED17-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137357
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 11:40

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.4	0.50	0.50	1
07103	0.6 mm	n.a.	98.6	0.50	0.50	1
07103	0.3 mm	n.a.	95.7	0.50	0.50	1
07103	0.15 mm	n.a.	83.2	0.50	0.50	1
07103	0.075 mm	n.a.	68.9	0.50	0.50	1
07103	0.064 mm	n.a.	65.0	0.50	0.50	1
07103	0.05 mm	n.a.	57.5	0.50	0.50	1
07103	0.02 mm	n.a.	38.0	0.50	0.50	1
07103	0.005 mm	n.a.	19.0	0.50	0.50	1
07103	0.002 mm	n.a.	10.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.5	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED17-12-24 Sediment
Wappinger Creek

LL Sample # SW 8137358
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 12:00

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	99.8	0.50	0.50	1
07103	1.18 mm	n.a.	99.6	0.50	0.50	1
07103	0.6 mm	n.a.	99.0	0.50	0.50	1
07103	0.3 mm	n.a.	94.8	0.50	0.50	1
07103	0.15 mm	n.a.	78.7	0.50	0.50	1
07103	0.075 mm	n.a.	68.2	0.50	0.50	1
07103	0.064 mm	n.a.	66.0	0.50	0.50	1
07103	0.05 mm	n.a.	60.5	0.50	0.50	1
07103	0.02 mm	n.a.	41.5	0.50	0.50	1
07103	0.005 mm	n.a.	20.5	0.50	0.50	1
07103	0.002 mm	n.a.	11.0	0.50	0.50	1
07103	0.001 mm	n.a.	2.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED17-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137359
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 11:50

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	100	0.50	0.50	1
07103	3.35 mm	n.a.	100	0.50	0.50	1
07103	2.36 mm	n.a.	100	0.50	0.50	1
07103	1.18 mm	n.a.	99.6	0.50	0.50	1
07103	0.6 mm	n.a.	98.9	0.50	0.50	1
07103	0.3 mm	n.a.	97.7	0.50	0.50	1
07103	0.15 mm	n.a.	82.4	0.50	0.50	1
07103	0.075 mm	n.a.	71.8	0.50	0.50	1
07103	0.064 mm	n.a.	68.0	0.50	0.50	1
07103	0.05 mm	n.a.	59.5	0.50	0.50	1
07103	0.02 mm	n.a.	41.5	0.50	0.50	1
07103	0.005 mm	n.a.	19.0	0.50	0.50	1
07103	0.002 mm	n.a.	9.0	0.50	0.50	1
07103	0.001 mm	n.a.	0.50	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED18-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137360
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 12:15

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	89.0	0.50	0.50	1
07103	3.35 mm	n.a.	81.7	0.50	0.50	1
07103	2.36 mm	n.a.	72.7	0.50	0.50	1
07103	1.18 mm	n.a.	42.5	0.50	0.50	1
07103	0.6 mm	n.a.	17.8	0.50	0.50	1
07103	0.3 mm	n.a.	6.4	0.50	0.50	1
07103	0.15 mm	n.a.	4.3	0.50	0.50	1
07103	0.075 mm	n.a.	3.6	0.50	0.50	1
07103	0.064 mm	n.a.	2.0	0.50	0.50	1
07103	0.05 mm	n.a.	1.5	0.50	0.50	1
07103	0.02 mm	n.a.	1.0	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

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Analysis Report

Sample Description: 0269-SED18-12-24 Sediment
Wappinger Creek

LL Sample # SW 8137361
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 12:35

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	69.5	0.50	0.50	1
07103	3.35 mm	n.a.	55.4	0.50	0.50	1
07103	2.36 mm	n.a.	41.1	0.50	0.50	1
07103	1.18 mm	n.a.	16.5	0.50	0.50	1
07103	0.6 mm	n.a.	6.7	0.50	0.50	1
07103	0.3 mm	n.a.	3.4	0.50	0.50	1
07103	0.15 mm	n.a.	2.4	0.50	0.50	1
07103	0.075 mm	n.a.	2.0	0.50	0.50	1
07103	0.064 mm	n.a.	1.5	0.50	0.50	1
07103	0.05 mm	n.a.	1.5	0.50	0.50	1
07103	0.02 mm	n.a.	1.0	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Luz M Groff	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED18-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137362
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 12:25

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	88.3	0.50	0.50	1
07103	3.35 mm	n.a.	81.2	0.50	0.50	1
07103	2.36 mm	n.a.	73.0	0.50	0.50	1
07103	1.18 mm	n.a.	57.3	0.50	0.50	1
07103	0.6 mm	n.a.	42.4	0.50	0.50	1
07103	0.3 mm	n.a.	26.6	0.50	0.50	1
07103	0.15 mm	n.a.	14.9	0.50	0.50	1
07103	0.075 mm	n.a.	10.8	0.50	0.50	1
07103	0.064 mm	n.a.	10.0	0.50	0.50	1
07103	0.05 mm	n.a.	8.0	0.50	0.50	1
07103	0.02 mm	n.a.	4.5	0.50	0.50	1
07103	0.005 mm	n.a.	1.0	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED20-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137363
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 16:00

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	99.9	0.50	0.50	1
07103	4.75 mm	n.a.	88.3	0.50	0.50	1
07103	3.35 mm	n.a.	83.9	0.50	0.50	1
07103	2.36 mm	n.a.	79.0	0.50	0.50	1
07103	1.18 mm	n.a.	73.5	0.50	0.50	1
07103	0.6 mm	n.a.	68.5	0.50	0.50	1
07103	0.3 mm	n.a.	59.7	0.50	0.50	1
07103	0.15 mm	n.a.	46.5	0.50	0.50	1
07103	0.075 mm	n.a.	32.6	0.50	0.50	1
07103	0.064 mm	n.a.	30.0	0.50	0.50	1
07103	0.05 mm	n.a.	24.5	0.50	0.50	1
07103	0.02 mm	n.a.	15.5	0.50	0.50	1
07103	0.005 mm	n.a.	4.5	0.50	0.50	1
07103	0.002 mm	n.a.	1.5	0.50	0.50	1
07103	0.001 mm	n.a.	1.0	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
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Analysis Report

Sample Description: 0269-SED20-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137365
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 16:10

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	74.9	0.50	0.50	1
07103	3.35 mm	n.a.	99.0	0.50	0.50	1
07103	2.36 mm	n.a.	63.7	0.50	0.50	1
07103	1.18 mm	n.a.	55.9	0.50	0.50	1
07103	0.6 mm	n.a.	49.6	0.50	0.50	1
07103	0.3 mm	n.a.	33.4	0.50	0.50	1
07103	0.15 mm	n.a.	12.7	0.50	0.50	1
07103	0.075 mm	n.a.	6.8	0.50	0.50	1
07103	0.064 mm	n.a.	6.0	0.50	0.50	1
07103	0.05 mm	n.a.	4.5	0.50	0.50	1
07103	0.02 mm	n.a.	1.5	0.50	0.50	1
07103	0.005 mm	n.a.	0.50	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED21-0-6 Sediment
Wappinger Creek

LL Sample # SW 8137366
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 16:30

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	95.9	0.50	0.50	1
07103	3.35 mm	n.a.	91.9	0.50	0.50	1
07103	2.36 mm	n.a.	87.8	0.50	0.50	1
07103	1.18 mm	n.a.	84.6	0.50	0.50	1
07103	0.6 mm	n.a.	76.5	0.50	0.50	1
07103	0.3 mm	n.a.	44.9	0.50	0.50	1
07103	0.15 mm	n.a.	19.3	0.50	0.50	1
07103	0.075 mm	n.a.	11.3	0.50	0.50	1
07103	0.064 mm	n.a.	10.0	0.50	0.50	1
07103	0.05 mm	n.a.	7.5	0.50	0.50	1
07103	0.02 mm	n.a.	2.5	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
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Analysis Report

Sample Description: 0269-SED21-12-24 Sediment
Wappinger Creek

LL Sample # SW 8137367
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 16:50

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	85.2	0.50	0.50	1
07103	3.35 mm	n.a.	79.6	0.50	0.50	1
07103	2.36 mm	n.a.	74.3	0.50	0.50	1
07103	1.18 mm	n.a.	69.5	0.50	0.50	1
07103	0.6 mm	n.a.	61.7	0.50	0.50	1
07103	0.3 mm	n.a.	36.2	0.50	0.50	1
07103	0.15 mm	n.a.	15.8	0.50	0.50	1
07103	0.075 mm	n.a.	8.9	0.50	0.50	1
07103	0.064 mm	n.a.	8.0	0.50	0.50	1
07103	0.05 mm	n.a.	5.5	0.50	0.50	1
07103	0.02 mm	n.a.	1.5	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

eurofins
Lancaster Laboratories Environmental
2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Analysis Report

Sample Description: 0269-SED21-6-12 Sediment
Wappinger Creek

LL Sample # SW 8137368
LL Group # 1609958
Account # 09531

Project Name: Wappinger Creek

Collected: 11/16/2015 16:40

Submitted: 11/17/2015 09:45
Reported: 11/30/2015 14:30

Weston Solutions, Inc.
250 Campus Drive
Edison NJ 08837

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**ASTM D422-63 (reapproved 2007)**		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	90.7	0.50	0.50	1
07103	3.35 mm	n.a.	84.6	0.50	0.50	1
07103	2.36 mm	n.a.	79.8	0.50	0.50	1
07103	1.18 mm	n.a.	72.3	0.50	0.50	1
07103	0.6 mm	n.a.	59.9	0.50	0.50	1
07103	0.3 mm	n.a.	18.6	0.50	0.50	1
07103	0.15 mm	n.a.	4.1	0.50	0.50	1
07103	0.075 mm	n.a.	2.0	0.50	0.50	1
07103	0.064 mm	n.a.	1.0	0.50	0.50	1
07103	0.05 mm	n.a.	1.0	0.50	0.50	1
07103	0.02 mm	n.a.	0.50	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07103	Grain Size to 1 um	ASTM D422-63 (reapproved 2007)	1	15322710301A	11/18/2015 14:40	Daniel S Smith	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Weston Solutions, Inc. Group Number: 1609958
Reported: 11/30/2015 14:30

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

9531 | 1609958 | 8137351-68

USEPA
DateShipped: 11/16/2015
CarrierName: FedEx
AirbillNo: 8088 5684 8450

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111615-160332-0031
Cooler #: 1 of 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED15-0-6	0269-SED15	Grain Size Distribution	Sediment	11/16/2015	09:50	1	16-oz. glass jar	N/A	N
	0269-SED15-12-24	0269-SED15	Grain Size Distribution	Sediment	11/16/2015	10:10	1	16-oz. glass jar	N/A	N
	0269-SED15-6-12	0269-SED15	Grain Size Distribution	Sediment	11/16/2015	10:00	1	16-oz. glass jar	N/A	N
	0269-SED16-0-6	0269-SED16	Grain Size Distribution	Sediment	11/16/2015	10:30	1	16-oz. glass jar	N/A	N
	0269-SED16-12-24	0269-SED16	Grain Size Distribution	Sediment	11/16/2015	10:50	1	16-oz. glass jar	N/A	N
	0269-SED16-6-12	0269-SED16	Grain Size Distribution	Sediment	11/16/2015	10:40	1	16-oz. glass jar	N/A	N
	0269-SED17-0-6	0269-SED17	Grain Size Distribution	Sediment	11/16/2015	11:40	1	16-oz. glass jar	N/A	N
	0269-SED17-12-24	0269-SED17	Grain Size Distribution	Sediment	11/16/2015	12:00	1	16-oz. glass jar	N/A	N
	0269-SED17-6-12	0269-SED17	Grain Size Distribution	Sediment	11/16/2015	11:50	1	16-oz. glass jar	N/A	N
	0269-SED18-0-6	0269-SED18	Grain Size Distribution	Sediment	11/16/2015	12:15	1	16-oz. glass jar	N/A	N
	0269-SED18-12-24	0269-SED18	Grain Size Distribution	Sediment	11/16/2015	12:35	1	16-oz. glass jar	N/A	N
	0269-SED18-6-12	0269-SED18	Grain Size Distribution	Sediment	11/16/2015	12:25	1	16-oz. glass jar	N/A	N
	0269-SED20-0-6	0269-SED20	Grain Size Distribution	Sediment	11/16/2015	16:00	1	16-oz. glass jar	N/A	N
	0269-SED20-12-24	0269-SED20	Grain Size Distribution	Sediment	11/16/2015	16:20	1	16-oz. glass jar	N/A	N
	0269-SED20-6-12	0269-SED20	Grain Size Distribution	Sediment	11/16/2015	16:10	1	16-oz. glass jar	N/A	N

Special Instructions: PO #: 0089959 - Wappinger Creek

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen WESTON	11/16/15 1500	FEDEX	11/16/15 1500	
			Kristen Abel ELLE	11/17/15 0945	

9531/1609958/8137351-68

USEPA
DateShipped: 11/16/2015
CarrierName: FedEx
AirbillNo: 8088 5684 8450

CHAIN OF CUSTODY RECORD
Site #: A25J
Contact Name: Denise Breen
Contact Phone: 732-417-5814

No: 2-111615-160332-0031
Cooler #: 1 of 1
Lab: Eurofins Environmental
Lab Phone: 717-656-2300

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	0269-SED21-0-6	0269-SED21	Grain Size Distribution	Sediment	11/16/2015	16:30	1	16-oz. glass jar	N/A	N
	0269-SED21-12-24	0269-SED21	Grain Size Distribution	Sediment	11/16/2015	16:50	1	16-oz. glass jar	N/A	N
	0269-SED21-6-12	0269-SED21	Grain Size Distribution	Sediment	11/16/2015	16:40	1	16-oz. glass jar	N/A	N

Special Instructions: PO #: 0089959 - Wappinger Creek	**SAMPLES TRANSFERRED FROM**
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sampling	Denise Breen/WESTON	11/16/15	FEDEX	11/16/15	
			Kristen Abel ELLE	11/17/15 0945	

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

< less than

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

REFERENCE 42

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
DESA/HWSB/HWSS
2890, Woodbridge Avenue, Edison, NJ 08837

EXECUTIVE NARRATIVE

Case No. : 45717
Site: Wappinger Creek
Number of Samples: 20 (Soil)
Analysis: VOA, BNA

SDG No.: BC7A7
Laboratory: Chemtech
Sampling dates: 11/12/2015-11/16/2015
Validation SOP: HW-33A (Rev 0), HW-35A (Rev 0)

QAPP:
Contractor: Weston Solutions
Reference: DCN # W0269_1E_00632

SUMMARY OF DEFINITIONS:
Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None.

Major Findings:
BNA: Samples BC7B7 and BC7C4 have analytes that have been qualified "J", "J+" or "J-".

Minor Findings:
None.

COMMENTS: The site-specific QAPP did not provide the project action levels for field samples.

Reviewer Name(s): Raxa J. Shelley

Approver's Signature:

Date: 12/03/15

Name: Russell Arnone

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: VOA

The current SOP HW-33A/VOA (Revision 0) July 2015, USEPA Region II Data Validation SOP for Statement of Work SOM02.2 for evaluating organic data has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report. Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J+. Non-detected compounds are not qualified.

1,2-Dichloropropane-d6 BC7B2
Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of

contamination present in the QA blanks, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method blank contamination:

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQLs.

Methylene chloride BC7B9, BC7C0, BC7C1, BC7C2, BC7C4, BC7C5, BC7C6, BC7C7, BC7J0

B) Field or rinse blank contamination:

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated rinse blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQLs.

Acetone BC7A7, BC7B4, BC7B6, BC7B7, BC7B8, BC7C2, BC7C4, BC7C7, BC7C8

C) Trip blank contamination for VOA aqueous samples:

Not applicable.

D) Storage Blank associated with VOA samples only:

No problems were found for this criterion.

E) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for VOA organic fraction are not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05, and ≥ 0.01 for the twenty-two analytes with poor response, and ≥ 0.005 for 1,4-Dioxane in both the initial and opening CCV. For a closing CCV RRF for all Target compounds must ≥ 0.01 and ≥ 0.005 for 1,4-Dioxane. A value < 0.05, or < 0.01 for the poor performers and < 0.005 for 1,4-Dioxane indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20% for Target compounds, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25% for Target compounds, < 40% for the poor performers, and < 50% for 1,4-Dioxane for the opening CCV. For the closing CCV %D must be < 50% for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J". Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, non-detects may be qualified using professional judgment. Qualifications were applied to the samples and analytes as shown below.

The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Bromoform BC7A7, BC7B1, BC7B2, BC7B3, BC7B4, BC7B6, BC7B7, BC7B8, BC7B9, BC7C0, BC7C1, BC7C2, BC7C3, BC7C4, BC7C5, BC7C6, BC7C7, BC7C8, BC7H8, BC7J0, VBLK81, VBLK82, VBLK83, VBLK84, VHBLK01

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range of 50% - 200 % of the associated continuing calibration internal standard area. The retention time of the internal standards must not vary more than 30 seconds from the associated continuing calibration standard. If the area count is greater than 200%, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than 50% of the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

8. FIELD DUPLICATES:

Samples BC7B7 and BC7J0: RPD is greater than 50 for Acetone.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

Initial calibration percent relative standard deviation (%RSD) is outside criteria for the following analytes.
Bromoform

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

None.

13. DILUTIONS, RE-EXTRACTIONS & REANALYSIS:

Samples may be reanalyzed after dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

ANALYSIS: BNA

The current SOP HW-35A (Revision 0) July 2015, USEPA Region II for the evaluation of Semi-Volatile organic data generated through Statement of Work SOM02.2 has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report. Tentatively Identified Compounds (TICs) for BNA organic fraction is not validated.

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded, qualifications will be applied as per SOP HW-35A (Rev 0).

No problems were found for this criterion.

2. DEUTERATED MONITORING COMPOUNDS (DMCs)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery limits were outside Table 6 of SOP HW-35A (Revision 0), qualifications were applied as per Table 7 of SOP HW-35A (Revision 0) to all the samples and analytes as shown below.

The following semivolatile samples have one or more DMC/SMC recovery values less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J-. Non-detected compounds are qualified UJ.

1,4-Dioxane-d8 BC7B4DL, BC7B7, BC7C4,
1, 4-Dioxane

3. MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD):

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as per Table 5 of SOP HW-35A (Rev 0).

A) Method blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination:

No qualification required due to rinse blank contamination.

C) Tentatively Identified Compounds:

Tentatively Identified Compounds (TICs) for BNA organic fraction are not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. All analytes for initial and continuing calibration should meet the minimum RRF criteria as listed in Table 2 of SOP HW 35A (Rev 0). If RRF is less than minimum RRF as specified in Table 2 for all target analytes, use professional judgment and all detects in the sample will be qualified as "J+" or "R". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance.

Percent RSD must be less than maximum %RSD in Table 2 of SOP HW 35A (Rev 0) for all target analytes. For the opening or closing CCV %D must be within the inclusive opening or closing maximum %D limits as listed in Table 2 of SOP HW 35A (Rev 0) for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, detects may be qualified as "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

The following analytes in the sample shown were qualified for %RSD and %D:

No problems were found for this criterion.

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range as specified in Table 10 of SOP HW 35A (Rev 0) of the associated continuing calibration internal standard area. The retention time of the internal standards must be within the range as specified in Table 10 of SOP HW 35A (Rev 0). If the area count is greater than, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated "J+" and all non-detects are qualified "R".

If an internal standard retention time were not met as specified in Table 10 of SOP HW 35A (Rev 0), the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

8. FIELD DUPLICATES:

No problems were found for this criterion.

9. COMPOUND IDENTIFICATION:

A) Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within 0.06 RRT units of the standard compound and have ion spectra which have a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None.

11. FIELD DOCUMENTATION:

No problems were identified.

12. OTHER PROBLEMS:

None.

13. DILUTIONS, RE-EXTRACTIONS and REANALYSIS:

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

Sample Summary Report

0269-SED11-6-12

Case No:	45717	Contract:	EPW14030	SDG No:	BC7A7	Lab Code:	CHM

Sample Number:	BC7A7	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:10:00
% Moisture :				% Solids :	81.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Acetone	Target	14	U	ug/kg	8.4	J	1.0	Yes	S3VEM
Carbon disulfide	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Butanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Bromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Benzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
o-xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Styrene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromoform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7A7	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:	6.32	Sample Date:	11/12/2015	Sample Time:	15:10:00
% Moisture :				% Solids :	81.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	82	U	ug/kg	82	U	1.0	Yes	S3VEM
Benzaldehyde	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenol	Target	100	J	ug/kg	100	J	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acetophenone	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1200		ug/kg	1200		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acenaphthene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dibenzofuran	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenanthrene	Target	79	J	ug/kg	79	J	1.0	Yes	S3VEM
Anthracene	Target	48	J	ug/kg	48	J	1.0	Yes	S3VEM
Carbazole	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	570		ug/kg	570		1.0	Yes	S3VEM
Pyrene	Target	440		ug/kg	440		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	290		ug/kg	290		1.0	Yes	S3VEM
Chrysene	Target	270		ug/kg	270		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	270		ug/kg	270		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	94	J	ug/kg	94	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	230		ug/kg	230		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3000	J	ug/kg	3000	J	1.0	Yes	NV
Pyrene, 1-methyl-	TIC	94	J	ug/kg	94	J	1.0	Yes	NV
4H-Cyclopenta[def]phenanthrene	TIC	110	J	ug/kg	110	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B1	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:	7.84	Sample Date:	11/13/2015	Sample Time:	11:45:00
% Moisture :				% Solids :	85.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	78	U	ug/kg	78	U	1.0	Yes	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Phenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	330		ug/kg	330		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Carbazole	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	3600	J	ug/kg	3600	J	1.0	Yes	NV
unknown-01	TIC	120	J	ug/kg	120	J	1.0	Yes	NV
Total Alkanes	TIC	120		ug/kg	120		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B1	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:		Sample Date:	11/13/2015	Sample Time:	11:45:00
% Moisture :				% Solids :	85.3		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Chloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Bromomethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Chloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Chloroform	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Benzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Toluene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
o-xylene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Styrene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Bromoform	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.4	U	ug/kg	5.4	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B2	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:	7.89	Sample Date:	11/13/2015	Sample Time:	12:05:00
% Moisture :				% Solids :	85.5		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	78	U	ug/kg	78	U	1.0	Yes	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Phenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	370		ug/kg	370		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Carbazole	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	3400	J	ug/kg	3400	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B2	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:		Sample Date:	11/13/2015	Sample Time:	12:05:00
% Moisture :				% Solids :	85.5		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromomethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Acetone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chloroform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Benzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Toluene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
o-xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Styrene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Bromoform	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B3	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:		Sample Date:	11/13/2015	Sample Time:	11:55:00
% Moisture :				% Solids :	87		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromomethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloroform	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Benzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Toluene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
o-xylene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Styrene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromoform	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B3	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:	7.99	Sample Date:	11/13/2015	Sample Time:	11:55:00
% Moisture :				% Solids :	87		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	77	U	ug/kg	77	U	1.0	Yes	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	410		ug/kg	410		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Carbazole	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
unknown-01	TIC	3500	J	ug/kg	3500	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B4	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED14	pH:	6.99	Sample Date:	11/13/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	83.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	80	U	ug/kg	80	U	1.0	Yes	S3VEM
Benzaldehyde	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acetophenone	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Naphthalene	Target	740		ug/kg	740		1.0	Yes	S3VEM
4-Chloroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Caprolactam	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	540		ug/kg	540		1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	120	J	ug/kg	120	J	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	290		ug/kg	290		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	55	J	ug/kg	55	J	1.0	Yes	S3VEM
3-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acenaphthene	Target	910		ug/kg	910		1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dibenzofuran	Target	600		ug/kg	600		1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluorene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Atrazine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenanthrene	Target	11000		ug/kg	11000	D	5.0	Yes	S3VEM
Anthracene	Target	1600		ug/kg	1600		1.0	Yes	S3VEM
Carbazole	Target	820		ug/kg	820		1.0	Yes	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluoranthene	Target	6100		ug/kg	6100		1.0	Yes	S3VEM
Pyrene	Target	6700		ug/kg	6700	D	5.0	Yes	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	2700		ug/kg	2700		1.0	Yes	S3VEM
Chrysene	Target	3000		ug/kg	3000		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	2700		ug/kg	2700		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	1000		ug/kg	1000		1.0	Yes	S3VEM
Benzo(a)pyrene	Target	2100		ug/kg	2100		1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	380		ug/kg	380		1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzaldehyde, 3,5-dichloro-2-hydro	TIC	2900	J	ug/kg	2900	J	1.0	Yes	NV
Benzeneethanol, .alpha.,.alpha.,.b	TIC	350	J	ug/kg	350	J	1.0	Yes	NV
Cyclopenta(def)phenanthrenone	TIC	950	J	ug/kg	950	J	1.0	Yes	NV
Dibenzofuran, 4-methyl-	TIC	380	J	ug/kg	380	J	1.0	Yes	NV
Dibenzothiophene, 4-methyl-	TIC	570	J	ug/kg	570	J	1.0	Yes	NV
Anthracene, 2-methyl-	TIC	1200	J	ug/kg	1200	J	1.0	Yes	NV
9H-Fluoren-9-one	TIC	640	J	ug/kg	640	J	1.0	Yes	NV
Phenanthrene, 3,6-dimethyl-	TIC	370	J	ug/kg	370	J	1.0	Yes	NV
9,10-Anthracenedione	TIC	1600	J	ug/kg	1600	J	1.0	Yes	NV
1-Isopropenylnaphthalene	TIC	290	J	ug/kg	290	J	1.0	Yes	NV
2-Phenylnaphthalene	TIC	1100	J	ug/kg	1100	J	1.0	Yes	NV
Dibenzothiophene, 3-methyl-	TIC	370	J	ug/kg	370	J	1.0	Yes	NV
1-Methylnaphthalene	TIC	470	J	ug/kg	470	J	1.0	Yes	NV
Naphthalene, 2,3-dimethyl-	TIC	450	J	ug/kg	450	J	1.0	Yes	NV
7-Isopropenyl-1,4a-dimethyl-4,4a,5	TIC	410	J	ug/kg	410	J	1.0	Yes	NV
Phenanthrene, 4,5-dimethyl-	TIC	270	J	ug/kg	270	J	1.0	Yes	NV
Phenanthrene, 2-methyl-	TIC	2100	J	ug/kg	2100	J	1.0	Yes	NV
9H-Fluorene, 9-methyl-	TIC	310	J	ug/kg	310	J	1.0	Yes	NV
unknown-01	TIC	410	J	ug/kg	410	J	1.0	Yes	NV
9H-Fluorene, 1-methyl-	TIC	310	J	ug/kg	310	J	1.0	Yes	NV
Anthrone	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
Anthracene, 9-ethenyl-	TIC	230	J	ug/kg	230	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
6H-Dibenzo[b,d]-pyran	TIC	350	J	ug/kg	350	J	1.0	Yes	NV
9H-Fluorene, 2-methyl-	TIC	350	J	ug/kg	350	J	1.0	Yes	NV
di-p-Tolylacetylene	TIC	280	J	ug/kg	280	J	1.0	Yes	NV
Naphthalene, 1,6-dimethyl-	TIC	300	J	ug/kg	300	J	1.0	Yes	NV
Phenanthrene, 1-methyl-	TIC	2400	J	ug/kg	2400	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3000	J	ug/kg	3000	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B4	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED14	pH:		Sample Date:	11/13/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	83.1		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Chloromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	30		ug/kg	30		1.0	Yes	S3VEM
Bromomethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Chloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.4	J	ug/kg	4.4	J	1.0	Yes	S3VEM
Acetone	Target	14	U	ug/kg	17		1.0	Yes	S3VEM
Carbon disulfide	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	110		ug/kg	110		1.0	Yes	S3VEM
2-Butanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Bromochloromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Chloroform	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Benzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	3.5	J	ug/kg	3.5	J	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
o-xylene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Styrene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Bromoform	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.0	U	ug/kg	7.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B6	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED14	pH:	7.02	Sample Date:	11/13/2015	Sample Time:	12:30:00
% Moisture :				% Solids :	82.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	81	U	ug/kg	81	U	1.0	Yes	S3VEM
Benzaldehyde	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acetophenone	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachloroethane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Nitrobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Isophorone	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Naphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Caprolactam	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	300		ug/kg	300		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Acenaphthene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dibenzofuran	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Diethylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluorene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Atrazine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Phenanthrene	Target	630		ug/kg	630		1.0	Yes	S3VEM
Anthracene	Target	60	J	ug/kg	60	J	1.0	Yes	S3VEM
Carbazole	Target	54	J	ug/kg	54	J	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Fluoranthene	Target	690		ug/kg	690		1.0	Yes	S3VEM
Pyrene	Target	530		ug/kg	530		1.0	Yes	S3VEM
Butylbenzylphthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	240		ug/kg	240		1.0	Yes	S3VEM
Chrysene	Target	270		ug/kg	270		1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	270		ug/kg	270		1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	97	J	ug/kg	97	J	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	180	J	ug/kg	180	J	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	100	J	ug/kg	100	J	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	110	J	ug/kg	110	J	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
9,10-Anthracenedione	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
Phenanthrene, 2,5-dimethyl-	TIC	91	J	ug/kg	91	J	1.0	Yes	NV
Cyclopenta(def)phenanthrenone	TIC	110	J	ug/kg	110	J	1.0	Yes	NV
1H-Cyclopropa[l]phenanthrene,1a,	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Phenanthrene, 1-methyl-	TIC	140	J	ug/kg	140	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3000	J	ug/kg	3000	J	1.0	Yes	NV
5,16[1,2]:8,13[1,2]-Dibenzen	TIC	81	J	ug/kg	81	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B6	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED14	pH:		Sample Date:	11/13/2015	Sample Time:	12:30:00
% Moisture :				% Solids :	82.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Chloromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Vinyl chloride	Target	53		ug/kg	53		1.0	Yes	S3VEM
Bromomethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Chloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Acetone	Target	13	U	ug/kg	18		1.0	Yes	S3VEM
Carbon disulfide	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Methyl Acetate	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Methylene chloride	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	33		ug/kg	33		1.0	Yes	S3VEM
2-Butanone	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Bromochloromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Chloroform	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Cyclohexane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Benzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Trichloroethene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Toluene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	4.0	J	ug/kg	4.0	J	1.0	Yes	S3VEM
2-Hexanone	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Chlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Ethylbenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
o-xylene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
m,p-Xylene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Styrene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Bromoform	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	6.5	U	ug/kg	6.5	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B7	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:50:00
% Moisture :				% Solids :	32.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Chloromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Vinyl chloride	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Bromomethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Chloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Acetone	Target	51	U	ug/kg	74		1.0	Yes	S3VEM
Carbon disulfide	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Methyl Acetate	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Methylene chloride	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
2-Butanone	Target	51	U	ug/kg	51	U	1.0	Yes	S3VEM
Bromochloromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Chloroform	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Cyclohexane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Benzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Trichloroethene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	51	U	ug/kg	51	U	1.0	Yes	S3VEM
Toluene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
2-Hexanone	Target	51	U	ug/kg	51	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Chlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Ethylbenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
o-xylene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
m,p-Xylene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Styrene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Bromoform	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B7	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:	6.50	Sample Date:	11/16/2015	Sample Time:	09:50:00
% Moisture :				% Solids :	32.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	200	UJ	ug/kg	200	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acetophenone	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachloroethane	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Nitrobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Isophorone	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Naphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Caprolactam	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acenaphthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Diethylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Fluorene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Atrazine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenanthrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Carbazole	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Chrysene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	640	J	ug/kg	640	J	1.0	Yes	NV
Total Alkanes	TIC	460		ug/kg	460		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B8	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:	5.90	Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	42.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	160	U	ug/kg	160	U	1.0	Yes	S3VEM
Benzaldehyde	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Phenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Acetophenone	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Hexachloroethane	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Nitrobenzene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Isophorone	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Naphthalene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Caprolactam	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1400		ug/kg	1400		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Acenaphthene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Dibenzofuran	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Diethylphthalate	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Fluorene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Atrazine	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Phenanthrene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Anthracene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Carbazole	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Fluoranthene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Pyrene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Chrysene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	79	J	ug/kg	79	J	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	390	U	ug/kg	390	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	580	J	ug/kg	580	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B8	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	42.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Vinyl chloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromomethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Acetone	Target	33	U	ug/kg	59		1.0	Yes	S3VEM
Carbon disulfide	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methyl Acetate	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methylene chloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
2-Butanone	Target	19	J	ug/kg	19	J	1.0	Yes	S3VEM
Bromochloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chloroform	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Cyclohexane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Benzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Trichloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Toluene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
2-Hexanone	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Chlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Ethylbenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
o-xylene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
m,p-Xylene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Styrene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Bromoform	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	17	U	ug/kg	17	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B9	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:	6.76	Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acetophenone	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachloroethane	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Nitrobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Isophorone	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Naphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Caprolactam	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1600		ug/kg	1600		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acenaphthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Diethylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Fluorene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Atrazine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenanthrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Carbazole	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Chrysene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	520	U	ug/kg	520	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	770	J	ug/kg	770	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7B9	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Chloromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Vinyl chloride	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Bromomethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Chloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Acetone	Target	170		ug/kg	170		1.0	Yes	S3VEM
Carbon disulfide	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Methyl Acetate	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Methylene chloride	Target	40	U	ug/kg	24	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
2-Butanone	Target	53	J	ug/kg	53	J	1.0	Yes	S3VEM
Bromochloromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Chloroform	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Cyclohexane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Benzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Trichloroethene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	80	U	ug/kg	80	U	1.0	Yes	S3VEM
Toluene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
2-Hexanone	Target	80	U	ug/kg	80	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Chlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Ethylbenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
o-xylene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
m,p-Xylene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Styrene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Bromoform	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C0	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:	6.53	Sample Date:	11/16/2015	Sample Time:	10:30:00
% Moisture :				% Solids :	36.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	180	U	ug/kg	180	U	1.0	Yes	S3VEM
Benzaldehyde	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acetophenone	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachloroethane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Nitrobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Isophorone	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Naphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Caprolactam	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1500		ug/kg	1500		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Acenaphthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Dibenzofuran	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Diethylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluorene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Atrazine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Phenanthrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Carbazole	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Chrysene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	890	U	ug/kg	890	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	460	U	ug/kg	460	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	750	J	ug/kg	750	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C0	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:30:00
% Moisture :				% Solids :	36.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Chloromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Vinyl chloride	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Bromomethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Chloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Acetone	Target	130		ug/kg	130		1.0	Yes	S3VEM
Carbon disulfide	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Methyl Acetate	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Methylene chloride	Target	29	U	ug/kg	20	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
2-Butanone	Target	31	J	ug/kg	31	J	1.0	Yes	S3VEM
Bromochloromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Chloroform	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Cyclohexane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Benzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Trichloroethene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	59	U	ug/kg	59	U	1.0	Yes	S3VEM
Toluene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
2-Hexanone	Target	59	U	ug/kg	59	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Chlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Ethylbenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
o-xylene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
m,p-Xylene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Styrene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Bromoform	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: BC7C1	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED16	pH: 6.80	Sample Date: 11/16/2015	Sample Time: 10:50:00
% Moisture :		% Solids : 42.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	160	U	ug/kg	160	U	1.0	Yes	S3VEM
Benzaldehyde	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Phenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Acetophenone	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachloroethane	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Nitrobenzene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Isophorone	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Naphthalene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Caprolactam	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1300		ug/kg	1300		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Acenaphthene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Dibenzofuran	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Diethylphthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Fluorene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Atrazine	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Phenanthrene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Anthracene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Carbazole	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Fluoranthene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Pyrene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Chrysene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	770	U	ug/kg	770	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	400	U	ug/kg	400	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	580	J	ug/kg	580	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C1	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:50:00
% Moisture :				% Solids :	42.7		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Chloromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Vinyl chloride	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Bromomethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Chloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Acetone	Target	83		ug/kg	83		1.0	Yes	S3VEM
Carbon disulfide	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Methyl Acetate	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Methylene chloride	Target	15	U	ug/kg	9.5	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
2-Butanone	Target	25	J	ug/kg	25	J	1.0	Yes	S3VEM
Bromochloromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Chloroform	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Cyclohexane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Benzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Trichloroethene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Toluene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
2-Hexanone	Target	29	U	ug/kg	29	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Chlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Ethylbenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
o-xylene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
m,p-Xylene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Styrene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Bromoform	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	15	U	ug/kg	15	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C2	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:40:00
% Moisture :				% Solids :	45.5		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Chloromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Vinyl chloride	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Bromomethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Chloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Acetone	Target	40	U	ug/kg	71		1.0	Yes	S3VEM
Carbon disulfide	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Methyl Acetate	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Methylene chloride	Target	20	U	ug/kg	13	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
2-Butanone	Target	20	J	ug/kg	20	J	1.0	Yes	S3VEM
Bromochloromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Chloroform	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Cyclohexane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Benzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Trichloroethene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Toluene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
2-Hexanone	Target	40	U	ug/kg	40	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Chlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Ethylbenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
o-xylene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
m,p-Xylene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Styrene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Bromoform	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	20	U	ug/kg	20	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C2	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:	6.66	Sample Date:	11/16/2015	Sample Time:	10:40:00
% Moisture :				% Solids :	45.5		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	150	U	ug/kg	150	U	1.0	Yes	S3VEM
Benzaldehyde	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Phenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Methylphenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Acetophenone	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
4-Methylphenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Hexachloroethane	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Nitrobenzene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Isophorone	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Naphthalene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Caprolactam	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1000		ug/kg	1000		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Acenaphthene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Dibenzofuran	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Diethylphthalate	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Fluorene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Atrazine	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Phenanthrene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Anthracene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Carbazole	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Fluoranthene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Pyrene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Chrysene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	720	U	ug/kg	720	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	370	U	ug/kg	370	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	940	J	ug/kg	940	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C3	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	49.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Chloromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Vinyl chloride	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromomethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Chloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Acetone	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Carbon disulfide	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Methyl Acetate	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Methylene chloride	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
2-Butanone	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Bromochloromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Chloroform	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Cyclohexane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Benzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Trichloroethene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Toluene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
2-Hexanone	Target	23	U	ug/kg	23	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Chlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Ethylbenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
o-xylene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
m,p-Xylene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Styrene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Bromoform	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	12	U	ug/kg	12	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C3	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:	6.65	Sample Date:	11/16/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	49.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	130	U	ug/kg	130	U	1.0	Yes	S3VEM
Benzaldehyde	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Phenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2-Methylphenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Acetophenone	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
4-Methylphenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Hexachloroethane	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Nitrobenzene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Isophorone	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Naphthalene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Caprolactam	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1000		ug/kg	1000		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Acenaphthene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Dibenzofuran	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Diethylphthalate	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Fluorene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Atrazine	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Phenanthrene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Anthracene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Carbazole	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Fluoranthene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Pyrene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Chrysene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	81	J	ug/kg	81	J	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	660	U	ug/kg	660	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	340	U	ug/kg	340	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	520	J	ug/kg	520	J	1.0	Yes	NV
Heptafluorobutanoic acid, heptadec	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
3-Chloropropionic acid, heptadecyl	TIC	700	J	ug/kg	700	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C4	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	12:00:00
% Moisture :				% Solids :	62		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Chloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Bromomethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Chloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Acetone	Target	16	U	ug/kg	29		1.0	Yes	S3VEM
Carbon disulfide	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.8	U	ug/kg	5.1	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
2-Butanone	Target	7.2	J	ug/kg	7.2	J	1.0	Yes	S3VEM
Bromochloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Chloroform	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Benzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	16	U	ug/kg	16	U	1.0	Yes	S3VEM
Toluene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
2-Hexanone	Target	16	U	ug/kg	16	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
o-xylene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Styrene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Bromoform	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: BC7C4	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED17	pH: 6.76	Sample Date: 11/16/2015	Sample Time: 12:00:00
% Moisture :		% Solids : 62	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	110	UJ	ug/kg	110	U	1.0	Yes	S3VEM
Benzaldehyde	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Phenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2-Methylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Acetophenone	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Methylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Hexachloroethane	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Nitrobenzene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Isophorone	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Naphthalene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Caprolactam	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	580		ug/kg	580		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Acenaphthene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Dibenzofuran	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Diethylphthalate	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Fluorene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Atrazine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Phenanthrene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Anthracene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Carbazole	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Fluoranthene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Pyrene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Chrysene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	270	U	ug/kg	270	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	250	J	ug/kg	250	J	1.0	Yes	NV
1-Pentene, 2-methyl-	TIC	420	J	ug/kg	420	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C5	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	51.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Chloromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Vinyl chloride	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Bromomethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Chloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Acetone	Target	87		ug/kg	87		1.0	Yes	S3VEM
Carbon disulfide	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Methyl Acetate	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Methylene chloride	Target	13	U	ug/kg	9.4	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
2-Butanone	Target	26		ug/kg	26		1.0	Yes	S3VEM
Bromochloromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Chloroform	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Cyclohexane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Benzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Trichloroethene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Toluene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
2-Hexanone	Target	25	U	ug/kg	25	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Chlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Ethylbenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
o-xylene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
m,p-Xylene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Styrene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Bromoform	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	13	U	ug/kg	13	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C5	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:	6.71	Sample Date:	11/16/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	51.4		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	130	U	ug/kg	130	U	1.0	Yes	S3VEM
Benzaldehyde	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Phenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Methylphenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Acetophenone	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
4-Methylphenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Hexachloroethane	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Nitrobenzene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Isophorone	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Naphthalene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Caprolactam	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	890		ug/kg	890		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Acenaphthene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Dibenzofuran	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Diethylphthalate	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Fluorene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Atrazine	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Phenanthrene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Anthracene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Carbazole	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Fluoranthene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Pyrene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Chrysene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	86	J	ug/kg	86	J	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	640	U	ug/kg	640	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	560	J	ug/kg	560	J	1.0	Yes	NV
Acetic acid, chloro-, octadecyl es	TIC	180	J	ug/kg	180	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C6	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :	77.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Vinyl chloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromomethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Acetone	Target	34		ug/kg	34		1.0	Yes	S3VEM
Carbon disulfide	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl Acetate	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylene chloride	Target	7.1	U	ug/kg	5.1	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Butanone	Target	9.7	J	ug/kg	9.7	J	1.0	Yes	S3VEM
Bromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chloroform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Cyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Benzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Trichloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Toluene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Chlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Ethylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
o-xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
m,p-Xylene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Styrene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Bromoform	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	7.1	U	ug/kg	7.1	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C6	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:	6.64	Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :	77.2		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	86	U	ug/kg	86	U	1.0	Yes	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Phenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	610		ug/kg	610		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Acenaphthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluorene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Phenanthrene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Carbazole	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Fluoranthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Pyrene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Chrysene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	Yes	S3VEM
Oxirane, hexadecyl-	TIC	160	J	ug/kg	160	J	1.0	Yes	NV
Naphthalene, 1-(phenylmethyl)-	TIC	100	J	ug/kg	100	J	1.0	Yes	NV
1-Hexacosanol	TIC	150	J	ug/kg	150	J	1.0	Yes	NV
1-Pentadecanol	TIC	200	J	ug/kg	200	J	1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	280	J	ug/kg	280	J	1.0	Yes	NV
Total Alkanes	TIC	670		ug/kg	670		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C7	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:	6.53	Sample Date:	11/16/2015	Sample Time:	12:35:00
% Moisture :				% Solids :	87.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	76	U	ug/kg	76	U	1.0	Yes	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	390		ug/kg	390		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Carbazole	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	300	J	ug/kg	300	J	1.0	Yes	NV
Total Alkanes	TIC	85		ug/kg	85		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C7	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:35:00
% Moisture :				% Solids :	87.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromomethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	12		1.0	Yes	S3VEM
Carbon disulfide	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.7	U	ug/kg	3.9	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chloroform	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Benzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Toluene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
o-xylene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Styrene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Bromoform	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C8	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:	6.38	Sample Date:	11/16/2015	Sample Time:	12:25:00
% Moisture :				% Solids :	58.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	110	U	ug/kg	110	U	1.0	Yes	S3VEM
Benzaldehyde	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Phenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2-Methylphenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Acetophenone	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
4-Methylphenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Hexachloroethane	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Nitrobenzene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Isophorone	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Naphthalene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Caprolactam	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	780		ug/kg	780		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Acenaphthene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Dibenzofuran	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Diethylphthalate	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Fluorene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Atrazine	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Phenanthrene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Anthracene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Carbazole	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Fluoranthene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Pyrene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Chrysene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	560	U	ug/kg	560	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	290	U	ug/kg	290	U	1.0	Yes	S3VEM
Oxirane, heptadecyl-	TIC	190	J	ug/kg	190	J	1.0	Yes	NV
3,6-Dibora-2,4,5,7-tetraoxaphenant	TIC	500	J	ug/kg	500	J	1.0	Yes	NV
Tetradecanoic acid	TIC	130	J	ug/kg	130	J	1.0	Yes	NV
unknown-02	TIC	350	J	ug/kg	350	J	1.0	Yes	NV
unknown-01	TIC	270	J	ug/kg	270	J	1.0	Yes	NV
7H-Furo[3,2-g][1]benzopyran-7-one,	TIC	220	J	ug/kg	220	J	1.0	Yes	NV
Total Alkanes	TIC	1800		ug/kg	1800		1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7C8	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:25:00
% Moisture :				% Solids :	58.6		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Chloromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Vinyl chloride	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromomethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Chloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Acetone	Target	22	U	ug/kg	39		1.0	Yes	S3VEM
Carbon disulfide	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Methyl Acetate	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Methylene chloride	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
2-Butanone	Target	22	U	ug/kg	22	U	1.0	Yes	S3VEM
Bromochloromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Chloroform	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Cyclohexane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Benzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Trichloroethene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	22	U	ug/kg	22	U	1.0	Yes	S3VEM
Toluene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
2-Hexanone	Target	22	U	ug/kg	22	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Chlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Ethylbenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
o-xylene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
m,p-Xylene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Styrene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromoform	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7H8	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED13	pH:		Sample Date:	11/13/2015	Sample Time:	12:15:00
% Moisture :				% Solids :	85.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Chloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Bromomethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Chloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Chloroform	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Benzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Toluene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
o-xylene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Styrene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Bromoform	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: BC7H8	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: 0269-SED13	pH: 8.03	Sample Date: 11/13/2015	Sample Time: 12:15:00
% Moisture :		% Solids : 85.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	78	U	ug/kg	78	U	1.0	Yes	S3VEM
Benzaldehyde	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acetophenone	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Naphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Caprolactam	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	370		ug/kg	370		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Acenaphthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Dibenzofuran	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluorene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Atrazine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Phenanthrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Carbazole	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Chrysene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	380	U	ug/kg	380	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	3500	J	ug/kg	3500	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7J0	Method:	Semivolatiles	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:	6.54	Sample Date:	11/16/2015	Sample Time:	09:55:00
% Moisture :				% Solids :	31.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	210	U	ug/kg	210	U	1.0	Yes	S3VEM
Benzaldehyde	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acetophenone	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachloroethane	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Nitrobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Isophorone	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Naphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Caprolactam	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	1100		ug/kg	1100		1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Acenaphthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Dibenzofuran	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Diethylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Fluorene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Atrazine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Phenanthrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Anthracene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Carbazole	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Fluoranthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Pyrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Chrysene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	1000	U	ug/kg	1000	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	530	U	ug/kg	530	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV
Butane, 2-methoxy-2-methyl-	TIC	770	J	ug/kg	770	J	1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number:	BC7J0	Method:	Volatile Organics	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:55:00
% Moisture :				% Solids :	31.9		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Chloromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Vinyl chloride	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Bromomethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Chloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Acetone	Target	130		ug/kg	130		1.0	Yes	S3VEM
Carbon disulfide	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Methyl Acetate	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Methylene chloride	Target	33	U	ug/kg	25	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
2-Butanone	Target	33	J	ug/kg	33	J	1.0	Yes	S3VEM
Bromochloromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Chloroform	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Cyclohexane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Benzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Trichloroethene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	65	U	ug/kg	65	U	1.0	Yes	S3VEM
Toluene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
2-Hexanone	Target	65	U	ug/kg	65	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Chlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Ethylbenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
o-xylene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
m,p-Xylene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Styrene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Bromoform	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	33	U	ug/kg	33	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: SBLK14	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	67	U	ug/kg	67	U	1.0	Yes	S3VEM
Benzaldehyde	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Phenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Bis(2-Chloroethyl)ether	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2-Chlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,2-oxybis(1-Chloropropane)	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Acetophenone	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
N-Nitroso-di-n-propylamine	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachloroethane	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Nitrobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Isophorone	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Nitrophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dimethylphenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Bis(2-Chloroethoxy)methane	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Naphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Chloroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Hexachlorobutadiene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Caprolactam	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Chloro-3-methylphenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Methylnaphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachlorocyclopentadiene	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
2,4,6-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4,5-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
1,1-Biphenyl	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Chloronaphthalene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2-Nitroaniline	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Dimethylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,6-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Acenaphthylene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
3-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Acenaphthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dinitrophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Dibenzofuran	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,4-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Diethylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Fluorene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Chlorophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
4,6-Dinitro-2-methylphenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
N-Nitrosodiphenylamine	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
4-Bromophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Hexachlorobenzene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Atrazine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Pentachlorophenol	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Phenanthrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Carbazole	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Di-n-butylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Butylbenzylphthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
3,3-Dichlorobenzidine	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(a)anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Chrysene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Di-n-octyl phthalate	Target	330	U	ug/kg	330	U	1.0	Yes	S3VEM
Benzo(b)fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Benzo(k)fluoranthene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Benzo(a)pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Indeno(1,2,3-cd)pyrene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Dibenzo(a,h)anthracene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Benzo(g,h,i)perylene	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
2,3,4,6-Tetrachlorophenol	Target	170	U	ug/kg	170	U	1.0	Yes	S3VEM
Butane, 2-methoxy-2-methyl-	TIC	390	J	ug/kg	390	J	1.0	Yes	NV
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: VBLK81	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: VBLK82	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	3.7	J	ug/kg	3.7	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: VBLK83	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	2.1	J	ug/kg	2.1	J	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: VBLK84	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

Case No: 45717	Contract: EPW14030	SDG No: BC7A7	Lab Code: CHM

Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	Yes	S3VEM
Dibromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	Yes	S3VEM
Total Alkanes	TIC			ug/kg			1.0	Yes	NV

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7A7	Sediment	11/12/2015	1.0	75-71-8	Dichlorodifluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	74-87-3	Chloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-01-4	Vinyl chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	74-83-9	Bromomethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-00-3	Chloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-69-4	Trichlorofluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-35-4	1,1-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	67-64-1	Acetone	14	J	U	14	14	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-15-0	Carbon disulfide	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	79-20-9	Methyl Acetate	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-09-2	Methylene chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-34-3	1,1-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	78-93-3	2-Butanone	14	U	U	14	14	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	74-97-5	Bromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	67-66-3	Chloroform	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	110-82-7	Cyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	56-23-5	Carbon tetrachloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	71-43-2	Benzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	107-06-2	1,2-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	79-01-6	Trichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-87-2	Methylcyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	78-87-5	1,2-Dichloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-27-4	Bromodichloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-88-3	Toluene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	127-18-4	Tetrachloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	124-48-1	Dibromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	106-93-4	1,2-Dibromoethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-90-7	Chlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	100-41-4	Ethylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-47-6	o-xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	179601-23-1	m,p-Xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	100-42-5	Styrene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	75-25-2	Bromoform	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	98-82-8	Isopropylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-6-12
BC7B1	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	67-64-1	Acetone	11	U	U	11	11	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	11	U	U	11	11	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	67-66-3	Chloroform	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	71-43-2	Benzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B1	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	11	U	U	11	11	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	108-88-3	Toluene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	11	U	U	11	11	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	95-47-6	o-xylene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	100-42-5	Styrene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	75-25-2	Bromoform	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.4	U	U	5.4	5.4	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED13-0-6
BC7B2	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	67-64-1	Acetone	12	U	U	12	12	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	12	U	U	12	12	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	67-66-3	Chloroform	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	71-43-2	Benzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	12	U	U	12	12	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-88-3	Toluene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	12	U	U	12	12	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-47-6	o-xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	100-42-5	Styrene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	75-25-2	Bromoform	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.8	U	U	5.8	5.8	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED13-12-24
BC7B3	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B3	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	67-64-1	Acetone	11	U	U	11	11	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	11	U	U	11	11	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	67-66-3	Chloroform	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	71-43-2	Benzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	11	U	U	11	11	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-88-3	Toluene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	11	U	U	11	11	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-47-6	o-xylene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	100-42-5	Styrene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	75-25-2	Bromoform	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED13-6-12
BC7B4	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	30			7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.4	J	J	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	67-64-1	Acetone	14		U	14	14	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	110			7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	14	U	U	14	14	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	67-66-3	Chloroform	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	71-43-2	Benzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-88-3	Toluene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	3.5	J	J	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED14-0-6

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B4	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-47-6	o-xylene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	100-42-5	Styrene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	75-25-2	Bromoform	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.0	U	U	7.0	7	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED14-0-6
BC7B6	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	53			6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	67-64-1	Acetone	13		U	13	13	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	33			6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	13	U	U	13	13	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	67-66-3	Chloroform	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	71-43-2	Benzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	13	U	U	13	13	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-88-3	Toluene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	4.0	J	J	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	13	U	U	13	13	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-47-6	o-xylene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	100-42-5	Styrene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	75-25-2	Bromoform	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	6.5	U	U	6.5	6.5	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED14-6-12
BC7B7	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	67-64-1	Acetone	51		U	51	51	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	25	U	U	25	25	ug/kg	0269-SED15-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B7	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	51	U	U	51	51	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	67-66-3	Chloroform	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	71-43-2	Benzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	51	U	U	51	51	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-88-3	Toluene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	51	U	U	51	51	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-47-6	o-xylene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	100-42-5	Styrene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	75-25-2	Bromoform	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	25	U	U	25	25	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED15-0-6
BC7B8	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	67-64-1	Acetone	33		U	33	33	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	19	J	J	33	33	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	67-66-3	Chloroform	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	71-43-2	Benzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	33	U	U	33	33	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-88-3	Toluene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	33	U	U	33	33	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-47-6	o-xylene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	17	U	U	17	17	ug/kg	0269-SED15-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B8	Sediment	11/16/2015	1.0	100-42-5	Styrene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	75-25-2	Bromoform	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	17	U	U	17	17	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED15-12-24
BC7B9	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	67-64-1	Acetone	170			80	80	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	40	J	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	53	J	J	80	80	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	67-66-3	Chloroform	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	71-43-2	Benzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	80	U	U	80	80	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-88-3	Toluene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	80	U	U	80	80	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-47-6	o-xylene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	100-42-5	Styrene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	75-25-2	Bromoform	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	40	U	U	40	40	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED15-6-12
BC7C0	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	67-64-1	Acetone	130			59	59	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	29	J	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	31	J	J	59	59	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C0	Sediment	11/16/2015	1.0	67-66-3	Chloroform	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	71-43-2	Benzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	59	U	U	59	59	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-88-3	Toluene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	59	U	U	59	59	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-47-6	o-xylene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	100-42-5	Styrene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	75-25-2	Bromoform	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	29	U	U	29	29	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-0-6
BC7C1	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	67-64-1	Acetone	83			29	29	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	15	J	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	25	J	J	29	29	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	67-66-3	Chloroform	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	71-43-2	Benzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	29	U	U	29	29	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-88-3	Toluene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	29	U	U	29	29	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	95-47-6	o-xylene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	100-42-5	Styrene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	75-25-2	Bromoform	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C1	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	15	U	U	15	15	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-12-24
BC7C2	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	67-64-1	Acetone	40		U	40	40	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	20	J	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	20	J	J	40	40	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	67-66-3	Chloroform	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	71-43-2	Benzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	40	U	U	40	40	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-88-3	Toluene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	40	U	U	40	40	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-47-6	o-xylene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	100-42-5	Styrene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	75-25-2	Bromoform	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	20	U	U	20	20	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-6-12
BC7C3	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	67-64-1	Acetone	23	U	U	23	23	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	23	U	U	23	23	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	67-66-3	Chloroform	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	71-43-2	Benzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C3	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	23	U	U	23	23	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-88-3	Toluene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	23	U	U	23	23	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-47-6	o-xylene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	100-42-5	Styrene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	75-25-2	Bromoform	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	12	U	U	12	12	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-0-6
BC7C4	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	67-64-1	Acetone	16		U	16	16	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	7.8	J	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	7.2	J	J	16	16	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	67-66-3	Chloroform	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	71-43-2	Benzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	16	U	U	16	16	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-88-3	Toluene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	16	U	U	16	16	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-47-6	o-xylene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	100-42-5	Styrene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	75-25-2	Bromoform	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.8	U	U	7.8	7.8	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-12-24
BC7C5	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C5	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	67-64-1	Acetone	87			25	25	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	13	J	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	26			25	25	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	67-66-3	Chloroform	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	71-43-2	Benzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	25	U	U	25	25	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-88-3	Toluene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	25	U	U	25	25	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-47-6	o-xylene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	100-42-5	Styrene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	75-25-2	Bromoform	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	13	U	U	13	13	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-6-12
BC7C6	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	67-64-1	Acetone	34			14	14	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	7.1	J	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	9.7	J	J	14	14	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	67-66-3	Chloroform	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	71-43-2	Benzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	14	U	U	14	14	ug/kg	0269-SED18-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C6	Sediment	11/16/2015	1.0	108-88-3	Toluene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	14	U	U	14	14	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-47-6	o-xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	100-42-5	Styrene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	75-25-2	Bromoform	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	7.1	U	U	7.1	7.1	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED18-0-6
BC7C7	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	67-64-1	Acetone	11		U	11	11	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	5.7	J	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	11	U	U	11	11	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	67-66-3	Chloroform	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	71-43-2	Benzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	11	U	U	11	11	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-88-3	Toluene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	11	U	U	11	11	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-47-6	o-xylene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	100-42-5	Styrene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	75-25-2	Bromoform	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.7	U	U	5.7	5.7	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED18-12-24
BC7C8	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	11	U	U	11	11	ug/kg	0269-SED18-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C8	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	67-64-1	Acetone	22		U	22	22	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	22	U	U	22	22	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	67-66-3	Chloroform	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	71-43-2	Benzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	22	U	U	22	22	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-88-3	Toluene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	22	U	U	22	22	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-47-6	o-xylene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	100-42-5	Styrene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	75-25-2	Bromoform	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	11	U	U	11	11	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED18-6-12
BC7H8	Sediment	11/13/2015	1.0	75-71-8	Dichlorodifluoromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	74-87-3	Chloromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-01-4	Vinyl chloride	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	74-83-9	Bromomethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-00-3	Chloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-69-4	Trichlorofluoromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-35-4	1,1-Dichloroethene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	67-64-1	Acetone	11	U	U	11	11	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-15-0	Carbon disulfide	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	79-20-9	Methyl Acetate	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-09-2	Methylene chloride	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	156-60-5	trans-1,2-Dichloroethene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	1634-04-4	Methyl tert-butyl Ether	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-34-3	1,1-Dichloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	156-59-2	cis-1,2-Dichloroethene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	78-93-3	2-Butanone	11	U	U	11	11	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	74-97-5	Bromochloromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	67-66-3	Chloroform	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	71-55-6	1,1,1-Trichloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	110-82-7	Cyclohexane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	56-23-5	Carbon tetrachloride	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	71-43-2	Benzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	107-06-2	1,2-Dichloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	79-01-6	Trichloroethene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-87-2	Methylcyclohexane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	78-87-5	1,2-Dichloropropane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-27-4	Bromodichloromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-10-1	4-Methyl-2-pentanone	11	U	U	11	11	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-88-3	Toluene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	79-00-5	1,1,2-Trichloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	127-18-4	Tetrachloroethene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	591-78-6	2-Hexanone	11	U	U	11	11	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	124-48-1	Dibromochloromethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7H8	Sediment	11/13/2015	1.0	106-93-4	1,2-Dibromoethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-90-7	Chlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	100-41-4	Ethylbenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-47-6	o-xylene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	179601-23-1	m,p-Xylene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	100-42-5	Styrene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	75-25-2	Bromoform	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	98-82-8	Isopropylbenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	541-73-1	1,3-Dichlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	106-46-7	1,4-Dichlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-50-1	1,2-Dichlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	120-82-1	1,2,4-trichlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	5.3	U	U	5.3	5.3	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED22-12-24
BC7J0	Sediment	11/16/2015	1.0	75-71-8	Dichlorodifluoromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	74-87-3	Chloromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-01-4	Vinyl chloride	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	74-83-9	Bromomethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-00-3	Chloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-69-4	Trichlorofluoromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-35-4	1,1-Dichloroethene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	67-64-1	Acetone	130			65	65	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-15-0	Carbon disulfide	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	79-20-9	Methyl Acetate	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-09-2	Methylene chloride	33	J	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	156-60-5	trans-1,2-Dichloroethene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	1634-04-4	Methyl tert-butyl Ether	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-34-3	1,1-Dichloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	156-59-2	cis-1,2-Dichloroethene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	78-93-3	2-Butanone	33	J	J	65	65	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	74-97-5	Bromochloromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	67-66-3	Chloroform	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	71-55-6	1,1,1-Trichloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	110-82-7	Cyclohexane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	56-23-5	Carbon tetrachloride	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	71-43-2	Benzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	107-06-2	1,2-Dichloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	79-01-6	Trichloroethene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-87-2	Methylcyclohexane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	78-87-5	1,2-Dichloropropane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-27-4	Bromodichloromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	10061-01-5	cis-1,3-Dichloropropene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-10-1	4-Methyl-2-pentanone	65	U	U	65	65	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-88-3	Toluene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	10061-02-6	trans-1,3-Dichloropropene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	79-00-5	1,1,2-Trichloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	127-18-4	Tetrachloroethene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	591-78-6	2-Hexanone	65	U	U	65	65	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	124-48-1	Dibromochloromethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	106-93-4	1,2-Dibromoethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-90-7	Chlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	100-41-4	Ethylbenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-47-6	o-xylene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	179601-23-1	m,p-Xylene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	100-42-5	Styrene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	75-25-2	Bromoform	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	98-82-8	Isopropylbenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	79-34-5	1,1,2,2-Tetrachloroethane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	541-73-1	1,3-Dichlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	106-46-7	1,4-Dichlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-50-1	1,2-Dichlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	96-12-8	1,2-Dibromo-3-chloropropane	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	120-82-1	1,2,4-trichlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	87-61-6	1,2,3-Trichlorobenzene	33	U	U	33	33	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED23-0-6
VBLK81			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK81			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VBLK81			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK81			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK81			1.0	E966796	Total Alkanes						ug/kg	
VBLK82			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK82			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-09-2	Methylene chloride	3.7	J	J	5.0	5	ug/kg	
VBLK82			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK82			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK82			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK82			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VBLK82			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK82			1.0	E966796	Total Alkanes						ug/kg	
VBLK83			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK83			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-09-2	Methylene chloride	2.1	J	J	5.0	5	ug/kg	
VBLK83			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK83			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK83			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK83			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK83			1.0	E966796	Total Alkanes						ug/kg	
VBLK84			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VBLK84			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VBLK84			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VBLK84			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VBLK84			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VBLK84			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VBLK84			1.0	E966796	Total Alkanes						ug/kg	
VHBLK01			1.0	75-71-8	Dichlorodifluoromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	74-87-3	Chloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-01-4	Vinyl chloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	74-83-9	Bromomethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-00-3	Chloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-69-4	Trichlorofluoromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-35-4	1,1-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	67-64-1	Acetone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	75-15-0	Carbon disulfide	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-20-9	Methyl Acetate	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-09-2	Methylene chloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	156-60-5	trans-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	1634-04-4	Methyl tert-butyl Ether	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-34-3	1,1-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	156-59-2	cis-1,2-Dichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	78-93-3	2-Butanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	74-97-5	Bromochloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	67-66-3	Chloroform	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	71-55-6	1,1,1-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	110-82-7	Cyclohexane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	56-23-5	Carbon tetrachloride	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	71-43-2	Benzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	107-06-2	1,2-Dichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-01-6	Trichloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-87-2	Methylcyclohexane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	78-87-5	1,2-Dichloropropane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-27-4	Bromodichloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	10061-01-5	cis-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-10-1	4-Methyl-2-pentanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	108-88-3	Toluene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	10061-02-6	trans-1,3-Dichloropropene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-00-5	1,1,2-Trichloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	127-18-4	Tetrachloroethene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	591-78-6	2-Hexanone	10	U	U	10	10	ug/kg	
VHBLK01			1.0	124-48-1	Dibromochloromethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	106-93-4	1,2-Dibromoethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	108-90-7	Chlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	100-41-4	Ethylbenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	95-47-6	o-xylene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	179601-23-1	m,p-Xylene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	100-42-5	Styrene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	75-25-2	Bromoform	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	98-82-8	Isopropylbenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	541-73-1	1,3-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	106-46-7	1,4-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	95-50-1	1,2-Dichlorobenzene	5.0	U	U	5.0	5	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
VHBLK01			1.0	96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	120-82-1	1,2,4-trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	87-61-6	1,2,3-Trichlorobenzene	5.0	U	U	5.0	5	ug/kg	
VHBLK01			1.0	E966796	Total Alkanes						ug/kg	
BC7A7	Sediment	11/12/2015	1.0	123-91-1	1,4-Dioxane	82	U	U	82	82	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	100-52-7	Benzaldehyde	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-95-2	Phenol	100	J	J	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-48-7	2-Methylphenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	98-86-2	Acetophenone	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	106-44-5	4-Methylphenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	91-20-3	Naphthalene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	106-47-8	4-Chloroaniline	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	105-60-2	Caprolactam	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	77-47-4	Hexachlorocyclopentadiene	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	131-11-3	Dimethylphthalate	1200			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	208-96-8	Acenaphthylene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	99-09-2	3-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	83-32-9	Acenaphthene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	51-28-5	2,4-Dinitrophenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	100-02-7	4-Nitrophenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	132-64-9	Dibenzofuran	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	86-73-7	Fluorene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	100-01-6	4-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	1912-24-9	Atrazine	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	87-86-5	Pentachlorophenol	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	85-01-8	Phenanthrene	79	J	J	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	120-12-7	Anthracene	48	J	J	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	86-74-8	Carbazole	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	206-44-0	Fluoranthene	570			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	129-00-0	Pyrene	440			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	91-94-1	3,3-Dichlorobenzidine	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	56-55-3	Benzo(a)anthracene	290			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	218-01-9	Chrysene	270			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	117-84-0	Di-n-octyl phthalate	400	U	U	400	400	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	205-99-2	Benzo(b)fluoranthene	270			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	207-08-9	Benzo(k)fluoranthene	94	J	J	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	50-32-8	Benzo(a)pyrene	230			210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	110	J	J	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	191-24-2	Benzo(g,h,i)perylene	110	J	J	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J	J			ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	002381-21-7	Pyrene, 1-methyl-	94	J	J			ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J	J			ug/kg	0269-SED11-6-12
BC7A7	Sediment	11/12/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED11-6-12
BC7B1	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	78	U	U	78	78	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	108-95-2	Phenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B1	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	78-59-1	Isophorone	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	330			200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	86-73-7	Fluorene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	85-01-8	Phenanthrene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	120-12-7	Anthracene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	86-74-8	Carbazole	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	129-00-0	Pyrene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	218-01-9	Chrysene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	390	U	U	390	390	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	U	200	200	ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	unknown-01	unknown-01	120	J	J			ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3600	J	J			ug/kg	0269-SED13-0-6
BC7B1	Sediment	11/13/2015	1.0	E966796	Total Alkanes	120					ug/kg	0269-SED13-0-6
BC7B2	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	78	U	U	78	78	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-95-2	Phenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	78-59-1	Isophorone	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	200	U	U	200	200	ug/kg	0269-SED13-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B2	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	370			200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	86-73-7	Fluorene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	85-01-8	Phenanthrene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	120-12-7	Anthracene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	86-74-8	Carbazole	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	129-00-0	Pyrene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	218-01-9	Chrysene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	390	U	U	390	390	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	U	200	200	ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3400	J	J			ug/kg	0269-SED13-12-24
BC7B2	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED13-12-24
BC7B3	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	77	U	U	77	77	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-95-2	Phenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	78-59-1	Isophorone	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B3	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	410			190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	86-73-7	Fluorene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	85-01-8	Phenanthrene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	120-12-7	Anthracene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	86-74-8	Carbazole	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	129-00-0	Pyrene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	218-01-9	Chrysene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	380	U	U	380	380	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	U	190	190	ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	unknown-01	unknown-01	3500	J	J			ug/kg	0269-SED13-6-12
BC7B3	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED13-6-12
BC7B4	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	80	U	U	80	80	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-95-2	Phenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	78-59-1	Isophorone	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	740			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	540			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	120	J	J	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	290			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	55	J	J	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	910			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	600			200	200	ug/kg	0269-SED14-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B4	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	86-73-7	Fluorene	1100			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	5.0	85-01-8	Phenanthrene	11000	D		1000	1000	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	120-12-7	Anthracene	1600			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	86-74-8	Carbazole	820			400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	6100			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	5.0	129-00-0	Pyrene	6700	D		1000	1000	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	2700			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	218-01-9	Chrysene	3000			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	400	U	U	400	400	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	2700			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	1000			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	2100			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	1100			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	380			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	1100			200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	U	200	200	ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	unknown-01	unknown-01	410	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000473-08-5	7-Isopropenyl-1,4a-dimethyl-4,4a,5	410	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	007372-88-5	Dibenzothiophene, 4-methyl-	570	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000486-25-9	9H-Fluoren-9-one	640	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	005737-13-3	Cyclopenta(def)phenanthrenone	950	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	035465-71-5	2-Phenylnaphthalene	1100	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000613-12-7	Anthracene, 2-methyl-	1200	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000084-65-1	9,10-Anthracenedione	1600	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	002531-84-2	Phenanthrene, 2-methyl-	2100	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000832-69-9	Phenanthrene, 1-methyl-	2400	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	2900	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	90-12-0	1-Methylnaphthalene	470	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000090-44-8	Anthrone	220	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	001855-47-6	1-Isopropenylnaphthalene	290	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	002444-68-0	Anthracene, 9-ethenyl-	230	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000575-43-9	Naphthalene, 1,6-dimethyl-	300	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000981-24-8	Benzeneethanol, .alpha.,.alpha.,.b	350	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	003674-69-9	Phenanthrene, 4,5-dimethyl-	270	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	002789-88-0	di-p-Tolylacetylene	280	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	007320-53-8	Dibenzofuran, 4-methyl-	380	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	002523-37-7	9H-Fluorene, 9-methyl-	310	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	001730-37-6	9H-Fluorene, 1-methyl-	310	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000581-40-8	Naphthalene, 2,3-dimethyl-	450	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	001430-97-3	9H-Fluorene, 2-methyl-	350	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	000229-95-8	6H-Dibenzo[b,d]-pyran	350	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	016587-52-3	Dibenzothiophene, 3-methyl-	370	J	J			ug/kg	0269-SED14-0-6
BC7B4	Sediment	11/13/2015	1.0	001576-67-6	Phenanthrene, 3,6-dimethyl-	370	J	J			ug/kg	0269-SED14-0-6
BC7B6	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	81	U	U	81	81	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-95-2	Phenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	78-59-1	Isophorone	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	400	U	U	400	400	ug/kg	0269-SED14-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B6	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	300			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	86-73-7	Fluorene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	85-01-8	Phenanthrene	630			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	120-12-7	Anthracene	60	J	J	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	86-74-8	Carbazole	54	J	J	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	690			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	129-00-0	Pyrene	530			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	240			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	218-01-9	Chrysene	270			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	400	U	U	400	400	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	270			210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	97	J	J	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	180	J	J	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	100	J	J	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	110	J	J	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	210	U	U	210	210	ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	81	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	003674-66-6	Phenanthrene, 2,5-dimethyl-	91	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	005737-13-3	Cyclopenta(def)phenanthrenone	110	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	140	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	000832-69-9	Phenanthrene, 1-methyl-	140	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J	J			ug/kg	0269-SED14-6-12
BC7B6	Sediment	11/13/2015	1.0	000084-65-1	9,10-Anthracenedione	130	J	J			ug/kg	0269-SED14-6-12
BC7B7	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	200	U	UJ	200	200	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-95-2	Phenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	78-59-1	Isophorone	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B7	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1100			520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	86-73-7	Fluorene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	120-12-7	Anthracene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	86-74-8	Carbazole	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	129-00-0	Pyrene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	218-01-9	Chrysene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	1000	U	U	1000	1000	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	520	U	U	520	520	ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	640	J	J			ug/kg	0269-SED15-0-6
BC7B7	Sediment	11/16/2015	1.0	E966796	Total Alkanes	460					ug/kg	0269-SED15-0-6
BC7B8	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	160	U	U	160	160	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-95-2	Phenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	78-59-1	Isophorone	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1400			390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	390	U	U	390	390	ug/kg	0269-SED15-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B8	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	86-73-7	Fluorene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	120-12-7	Anthracene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	86-74-8	Carbazole	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	129-00-0	Pyrene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	218-01-9	Chrysene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	79	J	J	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	770	U	U	770	770	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	390	U	U	390	390	ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	580	J	J			ug/kg	0269-SED15-12-24
BC7B8	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED15-12-24
BC7B9	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	200	U	U	200	200	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-95-2	Phenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	78-59-1	Isophorone	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1600			520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	86-73-7	Fluorene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7B9	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	120-12-7	Anthracene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	86-74-8	Carbazole	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	129-00-0	Pyrene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	218-01-9	Chrysene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	1000	U	U	1000	1000	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	520	U	U	520	520	ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	770	J	J			ug/kg	0269-SED15-6-12
BC7B9	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED15-6-12
BC7C0	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	180	U	U	180	180	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-95-2	Phenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	78-59-1	Isophorone	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1500			460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	86-73-7	Fluorene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	120-12-7	Anthracene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	86-74-8	Carbazole	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	129-00-0	Pyrene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	218-01-9	Chrysene	460	U	U	460	460	ug/kg	0269-SED16-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C0	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	890	U	U	890	890	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	460	U	U	460	460	ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	750	J	J			ug/kg	0269-SED16-0-6
BC7C0	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-0-6
BC7C1	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	160	U	U	160	160	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-95-2	Phenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	78-59-1	Isophorone	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1300			400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	86-73-7	Fluorene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	120-12-7	Anthracene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	86-74-8	Carbazole	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	129-00-0	Pyrene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	218-01-9	Chrysene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	770	U	U	770	770	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	400	U	U	400	400	ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	580	J	J			ug/kg	0269-SED16-12-24
BC7C1	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C2	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	150	U	U	150	150	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-95-2	Phenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	78-59-1	Isophorone	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1000			370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	86-73-7	Fluorene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	120-12-7	Anthracene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	86-74-8	Carbazole	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	129-00-0	Pyrene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	218-01-9	Chrysene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	720	U	U	720	720	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	370	U	U	370	370	ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	940	J	J			ug/kg	0269-SED16-6-12
BC7C2	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED16-6-12
BC7C3	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	130	U	U	130	130	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-95-2	Phenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	340	U	U	340	340	ug/kg	0269-SED17-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C3	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	78-59-1	Isophorone	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1000			340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	86-73-7	Fluorene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	120-12-7	Anthracene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	86-74-8	Carbazole	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	129-00-0	Pyrene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	218-01-9	Chrysene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	81	J	J	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	660	U	U	660	660	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	340	U	U	340	340	ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	520	J	J			ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	1000282-97-3	Heptafluorobutanoic acid, heptadec	160	J	J			ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	1000283-05-1	3-Chloropropionic acid, heptadecyl	700	J	J			ug/kg	0269-SED17-0-6
BC7C3	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-0-6
BC7C4	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	110	U	UJ	110	110	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-95-2	Phenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	78-59-1	Isophorone	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	270	U	U	270	270	ug/kg	0269-SED17-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C4	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	580			270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	86-73-7	Fluorene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	120-12-7	Anthracene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	86-74-8	Carbazole	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	129-00-0	Pyrene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	218-01-9	Chrysene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	530	U	U	530	530	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	270	U	U	270	270	ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	250	J	J			ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	000763-29-1	1-Pentene, 2-methyl-	420	J	J			ug/kg	0269-SED17-12-24
BC7C4	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-12-24
BC7C5	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	130	U	U	130	130	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-95-2	Phenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	78-59-1	Isophorone	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	890			330	330	ug/kg	0269-SED17-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C5	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	86-73-7	Fluorene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	120-12-7	Anthracene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	86-74-8	Carbazole	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	129-00-0	Pyrene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	218-01-9	Chrysene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	86	J	J	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	640	U	U	640	640	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	330	U	U	330	330	ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	560	J	J			ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	005348-82-3	Acetic acid, chloro-, octadecyl es	180	J	J			ug/kg	0269-SED17-6-12
BC7C5	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED17-6-12
BC7C6	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	86	U	U	86	86	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	108-95-2	Phenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	78-59-1	Isophorone	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	610			220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	86-73-7	Fluorene	220	U	U	220	220	ug/kg	0269-SED18-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C6	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	120-12-7	Anthracene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	86-74-8	Carbazole	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	129-00-0	Pyrene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	218-01-9	Chrysene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	420	U	U	420	420	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	220	U	U	220	220	ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	007390-81-0	Oxirane, hexadecyl-	160	J	J			ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	000506-52-5	1-Hexacosanol	150	J	J			ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	000629-76-5	1-Pentadecanol	200	J	J			ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	000611-45-0	Naphthalene, 1-(phenylmethyl)-	100	J	J			ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	280	J	J			ug/kg	0269-SED18-0-6
BC7C6	Sediment	11/16/2015	1.0	E966796	Total Alkanes	670					ug/kg	0269-SED18-0-6
BC7C7	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	76	U	U	76	76	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-95-2	Phenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	78-59-1	Isophorone	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	390			190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	86-73-7	Fluorene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	190	U	U	190	190	ug/kg	0269-SED18-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C7	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	120-12-7	Anthracene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	86-74-8	Carbazole	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	129-00-0	Pyrene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	218-01-9	Chrysene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	380	U	U	380	380	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	190	U	U	190	190	ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	E966796	Total Alkanes	85					ug/kg	0269-SED18-12-24
BC7C7	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	300	J	J			ug/kg	0269-SED18-12-24
BC7C8	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	110	U	U	110	110	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-95-2	Phenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	78-59-1	Isophorone	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	780			290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	86-73-7	Fluorene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	120-12-7	Anthracene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	86-74-8	Carbazole	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	129-00-0	Pyrene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	290	U	U	290	290	ug/kg	0269-SED18-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7C8	Sediment	11/16/2015	1.0	218-01-9	Chrysene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	560	U	U	560	560	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	290	U	U	290	290	ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	E966796	Total Alkanes	1800					ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	unknown-01	unknown-01	270	J	J			ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	000544-63-8	Tetradecanoic acid	130	J	J			ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	067860-04-2	Oxirane, heptadecyl-	190	J	J			ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	054087-32-0	7H-Furo[3,2-g][1]benzopyran-7-one,	220	J	J			ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	unknown-02	unknown-02	350	J	J			ug/kg	0269-SED18-6-12
BC7C8	Sediment	11/16/2015	1.0	1000159-66-2	3,6-Dibora-2,4,5,7-tetraoxaphenant	500	J	J			ug/kg	0269-SED18-6-12
BC7H8	Sediment	11/13/2015	1.0	123-91-1	1,4-Dioxane	78	U	U	78	78	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	100-52-7	Benzaldehyde	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-95-2	Phenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-57-8	2-Chlorophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-48-7	2-Methylphenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	98-86-2	Acetophenone	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	106-44-5	4-Methylphenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	67-72-1	Hexachloroethane	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	98-95-3	Nitrobenzene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	78-59-1	Isophorone	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	88-75-5	2-Nitrophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	105-67-9	2,4-Dimethylphenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	120-83-2	2,4-Dichlorophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	91-20-3	Naphthalene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	106-47-8	4-Chloroaniline	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	87-68-3	Hexachlorobutadiene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	105-60-2	Caprolactam	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	59-50-7	4-Chloro-3-methylphenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	91-57-6	2-Methylnaphthalene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	77-47-4	Hexachlorocyclopentadiene	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	88-06-2	2,4,6-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-95-4	2,4,5-Trichlorophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	92-52-4	1,1-Biphenyl	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	91-58-7	2-Chloronaphthalene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	88-74-4	2-Nitroaniline	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	131-11-3	Dimethylphthalate	370			200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	606-20-2	2,6-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	208-96-8	Acenaphthylene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	99-09-2	3-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	83-32-9	Acenaphthene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	51-28-5	2,4-Dinitrophenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	100-02-7	4-Nitrophenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	132-64-9	Dibenzofuran	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	121-14-2	2,4-Dinitrotoluene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	84-66-2	Diethylphthalate	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	86-73-7	Fluorene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	100-01-6	4-Nitroaniline	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	86-30-6	N-Nitrosodiphenylamine	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	101-55-3	4-Bromophenyl-phenylether	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	118-74-1	Hexachlorobenzene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	1912-24-9	Atrazine	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	87-86-5	Pentachlorophenol	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	85-01-8	Phenanthrene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	120-12-7	Anthracene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	86-74-8	Carbazole	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	84-74-2	Di-n-butylphthalate	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	206-44-0	Fluoranthene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	129-00-0	Pyrene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	85-68-7	Butylbenzylphthalate	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	91-94-1	3,3-Dichlorobenzidine	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	56-55-3	Benzo(a)anthracene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	218-01-9	Chrysene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	117-84-0	Di-n-octyl phthalate	380	U	U	380	380	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	205-99-2	Benzo(b)fluoranthene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	207-08-9	Benzo(k)fluoranthene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	50-32-8	Benzo(a)pyrene	200	U	U	200	200	ug/kg	0269-SED22-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
BC7H8	Sediment	11/13/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	191-24-2	Benzo(g,h,i)perylene	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	200	U	U	200	200	ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	3500	J	J			ug/kg	0269-SED22-12-24
BC7H8	Sediment	11/13/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED22-12-24
BC7J0	Sediment	11/16/2015	1.0	123-91-1	1,4-Dioxane	210	U	U	210	210	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	100-52-7	Benzaldehyde	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-95-2	Phenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	111-44-4	Bis(2-Chloroethyl)ether	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-57-8	2-Chlorophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-48-7	2-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	98-86-2	Acetophenone	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	106-44-5	4-Methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	621-64-7	N-Nitroso-di-n-propylamine	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	67-72-1	Hexachloroethane	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	98-95-3	Nitrobenzene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	78-59-1	Isophorone	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	88-75-5	2-Nitrophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	105-67-9	2,4-Dimethylphenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	111-91-1	Bis(2-Chloroethoxy)methane	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	120-83-2	2,4-Dichlorophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	91-20-3	Naphthalene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	106-47-8	4-Chloroaniline	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	87-68-3	Hexachlorobutadiene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	105-60-2	Caprolactam	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	59-50-7	4-Chloro-3-methylphenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	91-57-6	2-Methylnaphthalene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	77-47-4	Hexachlorocyclopentadiene	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	88-06-2	2,4,6-Trichlorophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-95-4	2,4,5-Trichlorophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	92-52-4	1,1-Biphenyl	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	91-58-7	2-Chloronaphthalene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	88-74-4	2-Nitroaniline	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	131-11-3	Dimethylphthalate	1100			530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	606-20-2	2,6-Dinitrotoluene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	208-96-8	Acenaphthylene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	99-09-2	3-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	83-32-9	Acenaphthene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	51-28-5	2,4-Dinitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	100-02-7	4-Nitrophenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	132-64-9	Dibenzofuran	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	121-14-2	2,4-Dinitrotoluene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	84-66-2	Diethylphthalate	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	86-73-7	Fluorene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	7005-72-3	4-Chlorophenyl-phenylether	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	100-01-6	4-Nitroaniline	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	534-52-1	4,6-Dinitro-2-methylphenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	86-30-6	N-Nitrosodiphenylamine	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	101-55-3	4-Bromophenyl-phenylether	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	118-74-1	Hexachlorobenzene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	1912-24-9	Atrazine	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	87-86-5	Pentachlorophenol	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	85-01-8	Phenanthrene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	120-12-7	Anthracene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	86-74-8	Carbazole	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	84-74-2	Di-n-butylphthalate	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	206-44-0	Fluoranthene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	129-00-0	Pyrene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	85-68-7	Butylbenzylphthalate	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	91-94-1	3,3-Dichlorobenzidine	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	56-55-3	Benzo(a)anthracene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	218-01-9	Chrysene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	117-81-7	Bis(2-ethylhexyl)phthalate	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	117-84-0	Di-n-octyl phthalate	1000	U	U	1000	1000	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	205-99-2	Benzo(b)fluoranthene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	207-08-9	Benzo(k)fluoranthene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	50-32-8	Benzo(a)pyrene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	193-39-5	Indeno(1,2,3-cd)pyrene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	53-70-3	Dibenzo(a,h)anthracene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	191-24-2	Benzo(g,h,i)perylene	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	58-90-2	2,3,4,6-Tetrachlorophenol	530	U	U	530	530	ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	770	J	J			ug/kg	0269-SED23-0-6
BC7J0	Sediment	11/16/2015	1.0	E966796	Total Alkanes						ug/kg	0269-SED23-0-6
SBLK14			1.0	123-91-1	1,4-Dioxane	67	U	U	67	67	ug/kg	
SBLK14			1.0	100-52-7	Benzaldehyde	330	U	U	330	330	ug/kg	
SBLK14			1.0	108-95-2	Phenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	111-44-4	Bis(2-Chloroethyl)ether	330	U	U	330	330	ug/kg	
SBLK14			1.0	95-57-8	2-Chlorophenol	170	U	U	170	170	ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
SBLK14			1.0	95-48-7	2-Methylphenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	108-60-1	2,2-oxybis(1-Chloropropane)	330	U	U	330	330	ug/kg	
SBLK14			1.0	98-86-2	Acetophenone	330	U	U	330	330	ug/kg	
SBLK14			1.0	106-44-5	4-Methylphenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	621-64-7	N-Nitroso-di-n-propylamine	170	U	U	170	170	ug/kg	
SBLK14			1.0	67-72-1	Hexachloroethane	170	U	U	170	170	ug/kg	
SBLK14			1.0	98-95-3	Nitrobenzene	170	U	U	170	170	ug/kg	
SBLK14			1.0	78-59-1	Isophorone	170	U	U	170	170	ug/kg	
SBLK14			1.0	88-75-5	2-Nitrophenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	105-67-9	2,4-Dimethylphenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	111-91-1	Bis(2-Chloroethoxy)methane	170	U	U	170	170	ug/kg	
SBLK14			1.0	120-83-2	2,4-Dichlorophenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	91-20-3	Naphthalene	170	U	U	170	170	ug/kg	
SBLK14			1.0	106-47-8	4-Chloroaniline	330	U	U	330	330	ug/kg	
SBLK14			1.0	87-68-3	Hexachlorobutadiene	170	U	U	170	170	ug/kg	
SBLK14			1.0	105-60-2	Caprolactam	330	U	U	330	330	ug/kg	
SBLK14			1.0	59-50-7	4-Chloro-3-methylphenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	91-57-6	2-Methylnaphthalene	170	U	U	170	170	ug/kg	
SBLK14			1.0	77-47-4	Hexachlorocyclopentadiene	330	U	U	330	330	ug/kg	
SBLK14			1.0	88-06-2	2,4,6-Trichlorophenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	95-95-4	2,4,5-Trichlorophenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	92-52-4	1,1-Biphenyl	170	U	U	170	170	ug/kg	
SBLK14			1.0	91-58-7	2-Chloronaphthalene	170	U	U	170	170	ug/kg	
SBLK14			1.0	88-74-4	2-Nitroaniline	170	U	U	170	170	ug/kg	
SBLK14			1.0	131-11-3	Dimethylphthalate	170	U	U	170	170	ug/kg	
SBLK14			1.0	606-20-2	2,6-Dinitrotoluene	170	U	U	170	170	ug/kg	
SBLK14			1.0	208-96-8	Acenaphthylene	170	U	U	170	170	ug/kg	
SBLK14			1.0	99-09-2	3-Nitroaniline	330	U	U	330	330	ug/kg	
SBLK14			1.0	83-32-9	Acenaphthene	170	U	U	170	170	ug/kg	
SBLK14			1.0	51-28-5	2,4-Dinitrophenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	100-02-7	4-Nitrophenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	132-64-9	Dibenzofuran	170	U	U	170	170	ug/kg	
SBLK14			1.0	121-14-2	2,4-Dinitrotoluene	170	U	U	170	170	ug/kg	
SBLK14			1.0	84-66-2	Diethylphthalate	170	U	U	170	170	ug/kg	
SBLK14			1.0	86-73-7	Fluorene	170	U	U	170	170	ug/kg	
SBLK14			1.0	7005-72-3	4-Chlorophenyl-phenylether	170	U	U	170	170	ug/kg	
SBLK14			1.0	100-01-6	4-Nitroaniline	330	U	U	330	330	ug/kg	
SBLK14			1.0	534-52-1	4,6-Dinitro-2-methylphenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	86-30-6	N-Nitrosodiphenylamine	170	U	U	170	170	ug/kg	
SBLK14			1.0	95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	U	170	170	ug/kg	
SBLK14			1.0	101-55-3	4-Bromophenyl-phenylether	170	U	U	170	170	ug/kg	
SBLK14			1.0	118-74-1	Hexachlorobenzene	170	U	U	170	170	ug/kg	
SBLK14			1.0	1912-24-9	Atrazine	330	U	U	330	330	ug/kg	
SBLK14			1.0	87-86-5	Pentachlorophenol	330	U	U	330	330	ug/kg	
SBLK14			1.0	85-01-8	Phenanthrene	170	U	U	170	170	ug/kg	
SBLK14			1.0	120-12-7	Anthracene	170	U	U	170	170	ug/kg	
SBLK14			1.0	86-74-8	Carbazole	330	U	U	330	330	ug/kg	
SBLK14			1.0	84-74-2	Di-n-butylphthalate	170	U	U	170	170	ug/kg	
SBLK14			1.0	206-44-0	Fluoranthene	170	U	U	170	170	ug/kg	
SBLK14			1.0	129-00-0	Pyrene	170	U	U	170	170	ug/kg	
SBLK14			1.0	85-68-7	Butylbenzylphthalate	170	U	U	170	170	ug/kg	
SBLK14			1.0	91-94-1	3,3-Dichlorobenzidine	330	U	U	330	330	ug/kg	
SBLK14			1.0	56-55-3	Benzo(a)anthracene	170	U	U	170	170	ug/kg	
SBLK14			1.0	218-01-9	Chrysene	170	U	U	170	170	ug/kg	
SBLK14			1.0	117-81-7	Bis(2-ethylhexyl)phthalate	170	U	U	170	170	ug/kg	
SBLK14			1.0	117-84-0	Di-n-octyl phthalate	330	U	U	330	330	ug/kg	
SBLK14			1.0	205-99-2	Benzo(b)fluoranthene	170	U	U	170	170	ug/kg	
SBLK14			1.0	207-08-9	Benzo(k)fluoranthene	170	U	U	170	170	ug/kg	
SBLK14			1.0	50-32-8	Benzo(a)pyrene	170	U	U	170	170	ug/kg	
SBLK14			1.0	193-39-5	Indeno(1,2,3-cd)pyrene	170	U	U	170	170	ug/kg	
SBLK14			1.0	53-70-3	Dibenzo(a,h)anthracene	170	U	U	170	170	ug/kg	
SBLK14			1.0	191-24-2	Benzo(g,h,i)perylene	170	U	U	170	170	ug/kg	
SBLK14			1.0	58-90-2	2,3,4,6-Tetrachlorophenol	170	U	U	170	170	ug/kg	
SBLK14			1.0	000994-05-8	Butane, 2-methoxy-2-methyl-	390	J	J			ug/kg	
SBLK14			1.0	E966796	Total Alkanes						ug/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_BC7A7_S3VEM.xls).

REFERENCE 43

TOXICOLOGICAL PROFILE FOR

POLYCYCLIC AROMATIC HYDROCARBONS

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Agency for Toxic Substances and Disease Registry

August 1995

DISCLAIMER

The use of company or product name(s) is for identification only and does not imply endorsement by the Agency for Toxic Substances and Disease Registry.

UPDATE STATEMENT

A Toxicological Profile for Polycyclic Aromatic Hydrocarbons was released in December 1990. This edition supersedes any previously released draft or final profile.

Toxicological profiles are revised and republished as necessary, but no less than once every three years. For information regarding the update status of previously released profiles, contact ATSDR at:

Agency for Toxic Substances and Disease Registry
Division of Toxicology/Toxicology Information Branch
1600 Clifton Road NE, E-29
Atlanta, Georgia 30333

FOREWORD

This toxicological profile is prepared in accordance with guidelines developed by ATSDR and EPA. The original guidelines were published in the Federal Register on April 17, 1987. Each profile will be revised and republished as necessary.

The ATSDR toxicological profile succinctly characterizes the toxicologic and adverse health effects information for the hazardous substance being described. Each profile identifies and reviews the key literature (that has been peer-reviewed) that describes a hazardous substance's toxicologic properties. Other pertinent literature is also presented, but described in less detail than the key studies. The profile is not intended to be an exhaustive document; however, more comprehensive sources of specialty information are referenced.

Each toxicological profile begins with a public health statement, that describes in nontechnical language, a substance's relevant toxicological properties. Following the public health statement is information concerning levels of significant human exposure and, where known, significant health effects. The adequacy of information to determine a substance's health effects is described in a health effects summary. Data needs that are of significance to protect public health will be identified by ATSDR and EPA. The focus of the profiles is on health and toxicologic information; therefore, we have included this information in the beginning of the document.

Each profile must include the following:

(A) The examination, summary, and interpretation of available toxicologic information and epidemiologic evaluations on a hazardous substance in order to ascertain the levels of significant human exposure for the substance and the associated acute, subacute, and chronic health effects.

(B) A determination of whether adequate information on the health effects of each substance is available or in the process of development to determine levels of exposure that present a significant risk to human health of acute, subacute, and chronic health effects.

(C) Where appropriate, identification of toxicologic testing needed to identify the types or levels of exposure that may present significant risk of adverse health effects in humans.

The principal audiences for the toxicological profiles are health professionals at the federal, state, and local levels, interested private sector organizations and groups, and members of the public.

The toxicological profiles are developed in response to the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Public Law 99-499) which amended the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund). This public law directed the Agency for Toxic Substances and Disease Registry (ATSDR) to prepare toxicological profiles for hazardous substances most commonly found at facilities on the CERCLA National Priorities List and that pose the most significant potential threat to human health, as determined by ATSDR and the Environmental Protection Agency (EPA). The availability of the revised priority list of 275 hazardous substances was announced in the Federal Register on February 28, 1994 (59 FR 9486). For prior versions of the list of substances, see Federal Register notices dated April 17, 1987 (52 FR 12866); October 20, 1988 (53 FR 41280); October 26, 1989 (54 FR 43619); October 17, 1990 (55 FR 42067); and October 17, 1991 (56 FR 52166); and October 28, 1992 (57 FR 48801).

Foreword

Section 104(i)(3) of CERCLA, as amended, directs the Administrator of ATSDR to prepare a toxicological profile for each substance on the list.

This profile reflects our assessment of all relevant toxicologic testing and information that has been peer reviewed. It has been reviewed by scientists from ATSDR, the Centers for Disease Control and Prevention (CDC), and other federal agencies. It has also been reviewed by a panel of nongovernment peer reviewers and was made available for public review. Final responsibility for the contents and views expressed in this toxicological profile resides with ATSDR.

David Satcher, M.D., Ph.D.
Administrator
Agency for Toxic Substances and
Disease Registry

CONTRIBUTORS

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THE PROFILE HAS UNDERGONE THE FOLLOWING ATSDR INTERNAL REVIEWS:

1. Green Border Review. The Green Border review assures consistency with ATSDR policy.

2. Health Effects Review. The Healths Effects Review Committee examines the health effects chapter of each profile for consistency and accuracy in interpreting health effects and classifying end points.

3. Minimal Risk Level Review. The Minimal Risk Level Workgroup considers issues relevant to substance-specific minimal risk levels (MRLs), reviews the health effects database of each profile, and makes recommendations for derivation of MRLs.

4. Quality Assurance Review. The Quality Assurance Branch assures that consistency across profiles is maintained, identifies any significant problems in format or content, and establishes that Guidance has been followed.

PEER REVIEW

A peer review panel was assembled for the PAHs. The panel consisted of the following members:

1. Dr. Gail Charnley, Consultant in Toxicology, Arlington, Virginia;

2. Dr. Edmond LaVoie, Professor, Rutgers University College of Pharmacy, Piscataway, New Jersey; and

3. Dr. Alexander Wood, Distinguished Research Leader and Director, Department of Oncology, Hoffmann-LaRoche, Inc., Nutley, New Jersey.

These experts collectively have knowledge of the polycyclic aromatic hydrocarbons' physical and chemical properties, toxicokinetics, key health end points, mechanisms of action, human and animal exposure, and quantification of risk to humans. All reviewers were selected in conformity with the conditions for peer review specified in Section 104(i)(13) of the Comprehensive Environmental Response, Compensation, and Liability Act, as amended.

Scientists from the Agency for Toxic Substances and Disease Registry (ATSDR) have reviewed the peer reviewers' comments and determined which comments will be included in the profile. A listing of the peer reviewers' comments not incorporated in the profile, with a brief explanation of the rationale for their exclusion, exists as part of the administrative record for this compound. A list of databases reviewed and a list of unpublished documents cited are also included in the administrative record.

The citation of the peer review panel should not be understood to imply its approval of the profile's final content. The responsibility for the content of this profile lies with the ATSDR.

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APPENDICES

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been estimated to be greater than 100 hours (Southworth 1979). Southworth et al. (1978) stated that lower molecular weight PAHs could be substantially removed by volatilization if suitable conditions (high temperature, low depth, high wind) were present. Southworth (1979) estimated half-lives for volatilization of anthracene (a low molecular weight PAH) of 18 hours in a stream with moderate current and wind, versus about 300 hours in a body of water with a depth of 1 meter and no current. Even for PAHs susceptible to volatilization, other processes, such as adsorption, photolysis or biodegradation (see Section 5.3.2.2) may become more important than volatilization in slow-moving, deep waters.

Because of their low solubility and high affinity for organic carbon, PAHs in aquatic systems are primarily found sorbed to particles that either have settled to the bottom or are suspended in the water column. It has been estimated that two-thirds of PAHs in aquatic systems are associated with particles and only about one-third are present in dissolved form (Eisler 1987). In an estuary, volatilization and adsorption to suspended sediments with subsequent deposition are the primary removal processes for medium and high molecular weight PAHs, whereas volatilization and biodegradation (see Section 5.3.2.2) are the major removal processes for low molecular weight compounds (Readman et al. 1982). In an enclosed marine ecosystem study, less than 1% of the original amount of radiolabeled benz[a]anthracene added to the system remained in the water column after 30 days; losses were attributed to adsorption to settling particles and to a lesser extent to photodegradation (Hinga and Pilson 1987).

Baker et al. (1991) found that several PAHs were significantly recycled in the water column of Lake Superior. Fluorene and phenanthrene were rapidly removed from surface waters and settled through the water column to the sediment-water interface where a large fraction of the recently settled contaminants were released back into the water column. Higher molecular weight PAHs were found to have lower settling fluxes, but these compounds were efficiently buried in the surficial sediments with little recycling. Settling particles were found to be greatly enriched in hydrophobic organic chemicals.

The K_{oc} of a chemical is an indication of its potential to bind to organic carbon in soil and sediment. The low molecular weight PAHs have K_{oc} values in the range of 10^3-10^4, which indicates a moderate potential to be adsorbed to organic carbon in the soil and sediments. The medium molecular weight compounds have K_{oc} values in the lo4 range. High molecular weight PAHs have K_{oc} values in the

REFERENCE 45

EXECUTIVE NARRATIVE

Case No.:45717
Site: Wappinger Creek
Number of Samples: 13 (Water)
Analysis: Metals + Mercury

SDG No.: MBC7F4
Laboratory: Shealy Environmental Services, Inc.
Sampling dates: 11/10/15 – 11/13/15
Validation SOP: HW-3a and -3c (Rev 0)

QAPP
Contractor: Weston Solutions
Contractor Document #: W0269.1E.00632

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None

Major Findings:
Sample MBC7F5 has analytes that have been qualified J, J+ or J-.

Minor Findings:
None

COMMENT: The specific QAPP did not specify project action levels for this site.

Reviewer Name(s): Constantin Stanca
Approver's Signature: **Date: 12/07/15**

Name: Russell Arnone

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: METALS ICP-AES

The current SOP HW-3a (Revision 0) July 2015, USEPA Region II for the evaluation of ICP-AES metals generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time or pH (aqueous samples are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (180 days) or pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be used to establish each analytical curve. At least one of these standards shall be at or below the CRQL. The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The curve must have a correlation coefficient ≥ 0.995. The percent differences calculated for all of the non-zero standards must be within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s).
The CCV standard shall be analyzed at a frequency of every two hours during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 90 – 110%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Calibration blanks (ICB and CCB) are used to ensure a stable instrument baseline before and during the analysis of analytical samples. The preparation blank is used to assess the level of contamination introduced to the analytical samples throughout the sample preparation process. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

The following sample has analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Potassium MBC7F5, MBC7F6, MBC7F7, MBC7F8, MBC7F9, MBC7G0, MBC7G1, MBC7G2, MBC7G3, MBC7G4, MBC7G5, MBC7G6

The following sample has analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Potassium MBC7F5, MBC7F6, MBC7F7, MBC7F8, MBC7F9, MBC7G0, MBC7G1, MBC7G2, MBC7G3, MBC7G4, MBC7G5, MBC7G6

4. **INTERFERENCE CHECK SAMPLE**

The Interference Check Sample (ICS) verifies the analytical instrument's ability to overcome interferences typical of those found in samples. The laboratory should have analyzed and reported ICS results for all elements being reported from the analytical run and for all interferents (target and non-target) for these reported elements. The ICS consists of two solutions: Solution A and Solution AB. Solution A consists of the interferents, and Solution AB consists of the analytes mixed with the interferents. Results for the analysis of ICS Solution must fall within the control limits of ± 20% or ±CRQL (whichever is greater) of the true value for the analytes and interferents included in the solution. If results that are ≥ MDL are observed for analytes that are not present in the ICS solution, the possibility of false positives exists. If negative results are observed for analytes that are not present in the ICS solution, and their absolute value is ≥ MDL, the possibility of false negatives in the samples exists. In general, ICP sample data can be accepted if the concentrations of Al, Ca, Fe, and Mg in the sample are found to be less than or equal to their respective concentrations in the ICS. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

No problems were found for this criterion.

6. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

No problems were found for this criterion.

7. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

8. LABORATORY CONTROL SAMPLE

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous/water, soil/sediment, wipe, and filter LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and Quality Assurance/Quality Control (QA/QC) procedures as employed for the samples. All LCS Percent Recoveries (%R) must fall within the control limits of 70-130%, except for Sb and Ag which must fall within the control limits of 50-150%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

9. ICP SERIAL DILUTION

The serial dilution of samples quantitated by Inductively Coupled Plasma determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high [concentration in the original sample is > 50 times (50x) the Method Detection Limit (MDL)], the Percent Difference (%D) between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 15. For a serial dilution analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the serial dilution sample.

No problems were found for this criterion.

10. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

Not applicable.

ANALYSIS: MERCURY

The current SOP HW-3c (Revision 0) July 2015, USEPA Region II for the evaluation of Mercury generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time, pH (aqueous samples), or cooler temperature are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (28 days) and pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects (sample quantitation limits) will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for mercury. Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be employed to establish the analytical curve. At least one of the calibration standards shall be at or below the Contract Required Quantitation Limit (CRQL). The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The calibration curves for mercury shall possess a correlation coefficient of ≥ 0.995 to ensure the linearity over the calibrated range. The percent differences calculated for all of the non-zero standards must fall within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. All sample results shall be reported from an analysis within the calibrated range. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for mercury by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every hour during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 85 – 115%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

4. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following Matrix Spike samples have percent recoveries greater than 125% Detected analytes with results greater than or equal to MDLs are qualified J+. Non-detected analytes are not qualified.

Mercury MBC7F5

5. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

No problems were found for this criterion.

6. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

7. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

OTHER PROBLEMS

Sample MBC764 was erroneously present in the first submission of the package but was removed in the Reconciliation Package submitted 12/03/15. Results of this sample were marked non-reportable in the EDD.

Sample Summary Report

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number: LCS001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	361		ug/L	361		1	Yes	S3VEM
Antimony	Target	115		ug/L	115		1	Yes	S3VEM
Arsenic	Target	19.1		ug/L	19.1		1	Yes	S3VEM
Barium	Target	374		ug/L	374		1	Yes	S3VEM
Beryllium	Target	10.1		ug/L	10.1		1	Yes	S3VEM
Cadmium	Target	9.2		ug/L	9.2		1	Yes	S3VEM
Calcium	Target	9780		ug/L	9780		1	Yes	S3VEM
Chromium	Target	20.3		ug/L	20.3		1	Yes	S3VEM
Cobalt	Target	93.4		ug/L	93.4		1	Yes	S3VEM
Copper	Target	46.9		ug/L	46.9		1	Yes	S3VEM
Iron	Target	189		ug/L	189		1	Yes	S3VEM
Lead	Target	18.6		ug/L	18.6		1	Yes	S3VEM
Magnesium	Target	10200		ug/L	10200		1	Yes	S3VEM
Manganese	Target	37.2		ug/L	37.2		1	Yes	S3VEM
Nickel	Target	73.5		ug/L	73.5		1	Yes	S3VEM
Potassium	Target	9880		ug/L	9880		1	Yes	S3VEM
Selenium	Target	70.8		ug/L	70.8		1	Yes	S3VEM
Silver	Target	19.6		ug/L	19.6		1	Yes	S3VEM
Sodium	Target	10600		ug/L	10600		1	Yes	S3VEM
Thallium	Target	48.6		ug/L	48.6		1	Yes	S3VEM
Vanadium	Target	97.3		ug/L	97.3		1	Yes	S3VEM
Zinc	Target	115		ug/L	115		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: LCS002	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	386		ug/L	386		1	Yes	S3VEM
Antimony	Target	120		ug/L	120		1	Yes	S3VEM
Arsenic	Target	21.3		ug/L	21.3		1	Yes	S3VEM
Barium	Target	389		ug/L	389		1	Yes	S3VEM
Beryllium	Target	10.0		ug/L	10.0		1	Yes	S3VEM
Cadmium	Target	9.2		ug/L	9.2		1	Yes	S3VEM
Calcium	Target	10300		ug/L	10300		1	Yes	S3VEM
Chromium	Target	20.2		ug/L	20.2		1	Yes	S3VEM
Cobalt	Target	94.7		ug/L	94.7		1	Yes	S3VEM
Copper	Target	47.4		ug/L	47.4		1	Yes	S3VEM
Iron	Target	220		ug/L	220		1	Yes	S3VEM
Lead	Target	17.3		ug/L	17.3		1	Yes	S3VEM
Magnesium	Target	10500		ug/L	10500		1	Yes	S3VEM
Manganese	Target	30.9		ug/L	30.9		1	Yes	S3VEM
Nickel	Target	75.3		ug/L	75.3		1	Yes	S3VEM
Potassium	Target	10200		ug/L	10200		1	Yes	S3VEM
Selenium	Target	71.3		ug/L	71.3		1	Yes	S3VEM
Silver	Target	20.4		ug/L	20.4		1	Yes	S3VEM
Sodium	Target	10700		ug/L	10700		1	Yes	S3VEM
Thallium	Target	49.6		ug/L	49.6		1	Yes	S3VEM
Vanadium	Target	97.7		ug/L	97.7		1	Yes	S3VEM
Zinc	Target	118		ug/L	118		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC764	Method: Mercury by Cold Vapor	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.039	J	ug/L	0.039	J*	1	No	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC764	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	No	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	No	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	No	S3VEM
Barium	Target	200	U	ug/L	200	U	1	No	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	No	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	No	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	No	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	No	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	No	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	No	S3VEM
Iron	Target	26.4	J	ug/L	26.4	J	1	No	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	No	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	No	S3VEM
Manganese	Target	1.2	J	ug/L	1.2	J	1	No	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	No	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	No	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	No	S3VEM
Silver	Target	10.0	UJ	ug/L	10.0	U	1	No	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	No	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	No	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	No	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	No	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F4	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/10/2015	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	5.3	J	ug/L	5.3	J	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F4	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/10/2015	Sample Time:	14:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.040	J	ug/L	0.040	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F5	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW01	pH:		Sample Date:	11/10/2015	Sample Time:	11:11:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.042	J+	ug/L	0.042	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F5	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW01	pH:		Sample Date:	11/10/2015	Sample Time:	11:11:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	22.3	J	ug/L	22.3	J	1	Yes	S3VEM
Beryllium	Target	0.11	J	ug/L	0.11	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	27400		ug/L	27400		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	310		ug/L	310		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5740		ug/L	5740		1	Yes	S3VEM
Manganese	Target	34.7		ug/L	34.7		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1850	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	23000		ug/L	23000		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7F5D	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/10/2015	Sample Time: 11:11:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	138		ug/L	138	J	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	21.3		ug/L	21.3	J	1	Yes	S3VEM
Beryllium	Target	0.11		ug/L	0.11	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	26900		ug/L	26900		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	294		ug/L	294		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5740		ug/L	5740		1	Yes	S3VEM
Manganese	Target	28.2		ug/L	28.2		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	1830		ug/L	1830	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	22500		ug/L	22500		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F5D	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/10/2015	Sample Time:	11:11:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.029		ug/L	0.029	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7F5L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Antimony	Target	300	U	ug/L	300	U	5	Yes	S3VEM
Arsenic	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Barium	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Beryllium	Target	0.29	J	ug/L	0.29	J	5	Yes	S3VEM
Cadmium	Target	25.0	U	ug/L	25.0	U	5	Yes	S3VEM
Calcium	Target	28600		ug/L	28600		5	Yes	S3VEM
Chromium	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Cobalt	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Copper	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Iron	Target	617		ug/L	617		5	Yes	S3VEM
Lead	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Magnesium	Target	5800	J	ug/L	5800	J	5	Yes	S3VEM
Manganese	Target	35.5	J	ug/L	35.5	J	5	Yes	S3VEM
Nickel	Target	200	U	ug/L	200	U	5	Yes	S3VEM
Potassium	Target	2420		ug/L	2420	J	5	Yes	S3VEM
Selenium	Target	175	U	ug/L	175	U	5	Yes	S3VEM
Silver	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Sodium	Target	24300	J	ug/L	24300	J	5	Yes	S3VEM
Thallium	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Vanadium	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Zinc	Target	300	U	ug/L	300	U	5	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F5S	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/10/2015	Sample Time:	11:11:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	1.4		ug/L	1.4	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7F5S	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/10/2015	Sample Time: 11:11:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	2210		ug/L	2210		1	Yes	S3VEM
Antimony	Spike	92.0		ug/L	92.0		1	Yes	S3VEM
Arsenic	Spike	38.8		ug/L	38.8		1	Yes	S3VEM
Barium	Spike	1820		ug/L	1820		1	Yes	S3VEM
Beryllium	Spike	49.2		ug/L	49.2		1	Yes	S3VEM
Cadmium	Spike	44.8		ug/L	44.8		1	Yes	S3VEM
Chromium	Spike	195		ug/L	195		1	Yes	S3VEM
Cobalt	Spike	452		ug/L	452		1	Yes	S3VEM
Copper	Spike	231		ug/L	231		1	Yes	S3VEM
Iron	Spike	1370		ug/L	1370		1	Yes	S3VEM
Lead	Spike	18.2		ug/L	18.2		1	Yes	S3VEM
Manganese	Spike	518		ug/L	518		1	Yes	S3VEM
Nickel	Spike	445		ug/L	445		1	Yes	S3VEM
Selenium	Spike	97.7		ug/L	97.7		1	Yes	S3VEM
Silver	Spike	47.7		ug/L	47.7		1	Yes	S3VEM
Thallium	Spike	49.1		ug/L	49.1		1	Yes	S3VEM
Vanadium	Spike	472		ug/L	472		1	Yes	S3VEM
Zinc	Spike	465		ug/L	465		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F6	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW02	pH:		Sample Date:	11/10/2015	Sample Time:	11:30:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.039	J	ug/L	0.039	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F6	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW02	pH:		Sample Date:	11/10/2015	Sample Time:	11:30:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	127	J	ug/L	127	J	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	21.4	J	ug/L	21.4	J	1	Yes	S3VEM
Beryllium	Target	0.096	J	ug/L	0.096	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	28400		ug/L	28400		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	396		ug/L	396		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	6310		ug/L	6310		1	Yes	S3VEM
Manganese	Target	44.8		ug/L	44.8		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1900	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	23700		ug/L	23700		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F7	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW03	pH:		Sample Date:	11/10/2015	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.040	J	ug/L	0.040	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F7	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW03	pH:		Sample Date:	11/10/2015	Sample Time:	11:45:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	167	J	ug/L	167	J	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	22.0	J	ug/L	22.0	J	1	Yes	S3VEM
Beryllium	Target	0.12	J	ug/L	0.12	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	34100		ug/L	34100		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	377		ug/L	377		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	8440		ug/L	8440		1	Yes	S3VEM
Manganese	Target	65.0		ug/L	65.0		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1990	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	28600		ug/L	28600		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F8	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW04	pH:		Sample Date:	11/10/2015	Sample Time:	12:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	19.4	J	ug/L	19.4	J	1	Yes	S3VEM
Beryllium	Target	0.097	J	ug/L	0.097	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	47000		ug/L	47000		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	384		ug/L	384		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	13400		ug/L	13400		1	Yes	S3VEM
Manganese	Target	137		ug/L	137		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2060	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	39200		ug/L	39200		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F8	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW04	pH:		Sample Date:	11/10/2015	Sample Time:	12:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.051	J	ug/L	0.051	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7F9	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW05	pH:		Sample Date:	11/10/2015	Sample Time:	12:12:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.092	J	ug/L	0.092	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	49200		ug/L	49200		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	314		ug/L	314		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	14100		ug/L	14100		1	Yes	S3VEM
Manganese	Target	136		ug/L	136		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2110	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	41200		ug/L	41200		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7F9	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW05	pH:		Sample Date:	11/10/2015	Sample Time:	12:12:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.036	J	ug/L	0.036	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G0	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW06	pH:		Sample Date:	11/10/2015	Sample Time:	12:37:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.089	J	ug/L	0.089	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	48000		ug/L	48000		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	258		ug/L	258		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	13800		ug/L	13800		1	Yes	S3VEM
Manganese	Target	95.7		ug/L	95.7		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2050	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	38900		ug/L	38900		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G0	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW06	pH:		Sample Date:	11/10/2015	Sample Time:	12:37:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.046	J	ug/L	0.046	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G1	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW07	pH:		Sample Date:	11/10/2015	Sample Time:	14:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.12	J	ug/L	0.12	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	48200		ug/L	48200		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	203		ug/L	203		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	14000		ug/L	14000		1	Yes	S3VEM
Manganese	Target	84.0		ug/L	84.0		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1980	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	39000		ug/L	39000		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G1	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW07	pH:		Sample Date:	11/10/2015	Sample Time:	14:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.16	J	ug/L	0.16	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G2	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW08	pH:		Sample Date:	11/10/2015	Sample Time:	14:25:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.086	J	ug/L	0.086	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	51800		ug/L	51800		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	144		ug/L	144		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	16100		ug/L	16100		1	Yes	S3VEM
Manganese	Target	58.2		ug/L	58.2		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1990	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	40000		ug/L	40000		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	7.6	J	ug/L	7.6	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G2	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW08	pH:		Sample Date:	11/10/2015	Sample Time:	14:25:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.11	J	ug/L	0.11	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G3	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW09	pH:		Sample Date:	11/13/2015	Sample Time:	08:35:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.039	J	ug/L	0.039	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G3	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW09	pH:		Sample Date:	11/13/2015	Sample Time:	08:35:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.089	J	ug/L	0.089	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	45200		ug/L	45200		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	233		ug/L	233		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	12300		ug/L	12300		1	Yes	S3VEM
Manganese	Target	67.7		ug/L	67.7		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	1970	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	36600		ug/L	36600		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7G3D	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/13/2015	Sample Time: 08:35:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.096		ug/L	0.096	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	45300		ug/L	45300		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	238		ug/L	238		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	12300		ug/L	12300		1	Yes	S3VEM
Manganese	Target	67.6		ug/L	67.6		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	1990		ug/L	1990	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	36700		ug/L	36700		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7G3L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Antimony	Target	300	U	ug/L	300	U	5	Yes	S3VEM
Arsenic	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Barium	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Beryllium	Target	25.0	U	ug/L	25.0	U	5	Yes	S3VEM
Cadmium	Target	25.0	U	ug/L	25.0	U	5	Yes	S3VEM
Calcium	Target	45100		ug/L	45100		5	Yes	S3VEM
Chromium	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Cobalt	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Copper	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Iron	Target	248	J	ug/L	248	J	5	Yes	S3VEM
Lead	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Magnesium	Target	12400	J	ug/L	12400	J	5	Yes	S3VEM
Manganese	Target	69.8	J	ug/L	69.8	J	5	Yes	S3VEM
Nickel	Target	200	U	ug/L	200	U	5	Yes	S3VEM
Potassium	Target	2420		ug/L	2420	J	5	Yes	S3VEM
Selenium	Target	175	U	ug/L	175	U	5	Yes	S3VEM
Silver	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Sodium	Target	37400		ug/L	37400		5	Yes	S3VEM
Thallium	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Vanadium	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Zinc	Target	300	U	ug/L	300	U	5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: MBC7G3S	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/13/2015	Sample Time: 08:35:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	2120		ug/L	2120		1	Yes	S3VEM
Antimony	Spike	98.0		ug/L	98.0		1	Yes	S3VEM
Arsenic	Spike	38.7		ug/L	38.7		1	Yes	S3VEM
Barium	Spike	1920		ug/L	1920		1	Yes	S3VEM
Beryllium	Spike	49.8		ug/L	49.8		1	Yes	S3VEM
Cadmium	Spike	46.5		ug/L	46.5		1	Yes	S3VEM
Chromium	Spike	197		ug/L	197		1	Yes	S3VEM
Cobalt	Spike	464		ug/L	464		1	Yes	S3VEM
Copper	Spike	231		ug/L	231		1	Yes	S3VEM
Iron	Spike	1220		ug/L	1220		1	Yes	S3VEM
Lead	Spike	17.7		ug/L	17.7		1	Yes	S3VEM
Manganese	Spike	562		ug/L	562		1	Yes	S3VEM
Nickel	Spike	461		ug/L	461		1	Yes	S3VEM
Selenium	Spike	99.3		ug/L	99.3		1	Yes	S3VEM
Silver	Spike	49.8		ug/L	49.8		1	Yes	S3VEM
Thallium	Spike	47.7		ug/L	47.7		1	Yes	S3VEM
Vanadium	Spike	485		ug/L	485		1	Yes	S3VEM
Zinc	Spike	484		ug/L	484		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G4	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW10	pH:		Sample Date:	11/13/2015	Sample Time:	09:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.096	J	ug/L	0.096	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	40900		ug/L	40900		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	194		ug/L	194		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	11200		ug/L	11200		1	Yes	S3VEM
Manganese	Target	53.7		ug/L	53.7		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2070	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	31500		ug/L	31500		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G4	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW10	pH:		Sample Date:	11/13/2015	Sample Time:	09:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.038	J	ug/L	0.038	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G5	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW11	pH:		Sample Date:	11/13/2015	Sample Time:	09:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.089	J	ug/L	0.089	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	41900		ug/L	41900		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	156		ug/L	156		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	11500		ug/L	11500		1	Yes	S3VEM
Manganese	Target	42.3		ug/L	42.3		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2150	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	31800		ug/L	31800		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G5	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW11	pH:		Sample Date:	11/13/2015	Sample Time:	09:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.034	J	ug/L	0.034	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7F4	Lab Code:	EQI

Sample Number:	MBC7G6	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	0269-SW11	pH:		Sample Date:	11/13/2015	Sample Time:	09:20:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.044	J	ug/L	0.044	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number:	MBC7G6	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	0269-SW11	pH:		Sample Date:	11/13/2015	Sample Time:	09:20:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	0.11	J	ug/L	0.11	J	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	43000		ug/L	43000		1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	185		ug/L	185		1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	11700		ug/L	11700		1	Yes	S3VEM
Manganese	Target	53.9		ug/L	53.9		1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	2220	J	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	32600		ug/L	32600		1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: PBW001	Method: Mercury by Cold Vapor	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.043	J	ug/L	0.043	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: PBW001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	2.1	J	ug/L	2.1	J	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	6.7	J	ug/L	6.7	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7F4	Lab Code: EQI

Sample Number: PBW002	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	15.0	U	ug/L	15.0	U	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7F5D	Surface Water	11/10/2015	1	7429-90-5	Aluminum	138	J		200	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-39-3	Barium	21.3	J		200	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.11	J		5	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-70-2	Calcium	26900			5000	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7439-89-6	Iron	294			100	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7439-95-4	Magnesium	5740			5000	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7439-96-5	Manganese	28.2			15	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-09-7	Potassium	1830	J		5000	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-23-5	Sodium	22500			5000	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW01
MBC7F5D	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW01
MBC7G3D	Surface Water	11/13/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-41-7	Beryllium	0.096	J		5	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-70-2	Calcium	45300			5000	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7439-89-6	Iron	238			100	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7439-95-4	Magnesium	12300			5000	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7439-96-5	Manganese	67.6			15	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-09-7	Potassium	1990	J		5000	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-23-5	Sodium	36700			5000	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW09
MBC7G3D	Surface Water	11/13/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW09
MBC764	DI Water		1	7429-90-5	Aluminum	200	U	U	200	ug/L	
MBC764	DI Water		1	7440-36-0	Antimony	60.0	U	U	60	ug/L	
MBC764	DI Water		1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	
MBC764	DI Water		1	7440-39-3	Barium	200	U	U	200	ug/L	
MBC764	DI Water		1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	
MBC764	DI Water		1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	
MBC764	DI Water		1	7440-70-2	Calcium	5000	U	U	5000	ug/L	
MBC764	DI Water		1	7440-47-3	Chromium	10.0	U	U	10	ug/L	
MBC764	DI Water		1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	
MBC764	DI Water		1	7440-50-8	Copper	25.0	U	U	25	ug/L	
MBC764	DI Water		1	7439-89-6	Iron	26.4	J	J	100	ug/L	
MBC764	DI Water		1	7439-92-1	Lead	10.0	U	U	10	ug/L	
MBC764	DI Water		1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	
MBC764	DI Water		1	7439-96-5	Manganese	1.2	J	J	15	ug/L	
MBC764	DI Water		1	7440-02-0	Nickel	40.0	U	U	40	ug/L	
MBC764	DI Water		1	7440-09-7	Potassium	5000	U	U	5000	ug/L	
MBC764	DI Water		1	7782-49-2	Selenium	35.0	U	U	35	ug/L	
MBC764	DI Water		1	7440-22-4	Silver	10.0	U	UJ	10	ug/L	
MBC764	DI Water		1	7440-23-5	Sodium	5000	U	U	5000	ug/L	
MBC764	DI Water		1	7440-28-0	Thallium	25.0	U	U	25	ug/L	
MBC764	DI Water		1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	
MBC764	DI Water		1	7440-66-6	Zinc	60.0	U	U	60	ug/L	
MBC7F4	DI Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-70-2	Calcium	5000	U	U	5000	ug/L	0269-RIN03

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7F4_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7F4	DI Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7439-89-6	Iron	100	U	U	100	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7439-96-5	Manganese	5.3	J	J	15	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-09-7	Potassium	5000	U	U	5000	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-23-5	Sodium	5000	U	U	5000	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-RIN03
MBC7F4	DI Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-RIN03
MBC7F5	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-39-3	Barium	22.3	J	J	200	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.11	J	J	5	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-70-2	Calcium	27400			5000	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7439-89-6	Iron	310			100	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7439-95-4	Magnesium	5740			5000	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7439-96-5	Manganese	34.7			15	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-23-5	Sodium	23000			5000	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW01
MBC7F5	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW01
MBC7F6	Surface Water	11/10/2015	1	7429-90-5	Aluminum	127	J	J	200	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-39-3	Barium	21.4	J	J	200	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.096	J	J	5	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-70-2	Calcium	28400			5000	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7439-89-6	Iron	396			100	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7439-95-4	Magnesium	6310			5000	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7439-96-5	Manganese	44.8			15	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-23-5	Sodium	23700			5000	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW02
MBC7F6	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW02
MBC7F7	Surface Water	11/10/2015	1	7429-90-5	Aluminum	167	J	J	200	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-39-3	Barium	22.0	J	J	200	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.12	J	J	5	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-70-2	Calcium	34100			5000	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7439-89-6	Iron	377			100	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7439-95-4	Magnesium	8440			5000	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7439-96-5	Manganese	65.0			15	ug/L	0269-SW03

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7F7	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-23-5	Sodium	28600			5000	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW03
MBC7F7	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW03
MBC7F8	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-39-3	Barium	19.4	J	J	200	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.097	J	J	5	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-70-2	Calcium	47000			5000	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7439-89-6	Iron	384			100	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7439-95-4	Magnesium	13400			5000	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7439-96-5	Manganese	137			15	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-23-5	Sodium	39200			5000	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW04
MBC7F8	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW04
MBC7F9	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.092	J	J	5	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-70-2	Calcium	49200			5000	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7439-89-6	Iron	314			100	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7439-95-4	Magnesium	14100			5000	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7439-96-5	Manganese	136			15	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-23-5	Sodium	41200			5000	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW05
MBC7F9	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW05
MBC7G0	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.089	J	J	5	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-70-2	Calcium	48000			5000	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7439-89-6	Iron	258			100	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7439-95-4	Magnesium	13800			5000	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7439-96-5	Manganese	95.7			15	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-23-5	Sodium	38900			5000	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW06
MBC7G0	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW06

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7G0	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW06
MBC7G1	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.12	J	J	5	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-70-2	Calcium	48200			5000	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7439-89-6	Iron	203			100	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7439-95-4	Magnesium	14000			5000	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7439-96-5	Manganese	84.0			15	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-23-5	Sodium	39000			5000	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW07
MBC7G1	Surface Water	11/10/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW07
MBC7G2	Surface Water	11/10/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-41-7	Beryllium	0.086	J	J	5	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-70-2	Calcium	51800			5000	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7439-89-6	Iron	144			100	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7439-95-4	Magnesium	16100			5000	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7439-96-5	Manganese	58.2			15	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-23-5	Sodium	40000			5000	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW08
MBC7G2	Surface Water	11/10/2015	1	7440-66-6	Zinc	7.6	J	J	60	ug/L	0269-SW08
MBC7G3	Surface Water	11/13/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-41-7	Beryllium	0.089	J	J	5	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-70-2	Calcium	45200			5000	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7439-89-6	Iron	233			100	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7439-95-4	Magnesium	12300			5000	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7439-96-5	Manganese	67.7			15	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-23-5	Sodium	36600			5000	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW09
MBC7G3	Surface Water	11/13/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW09
MBC7G4	Surface Water	11/13/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-41-7	Beryllium	0.096	J	J	5	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW10

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7F4_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7G4	Surface Water	11/13/2015	1	7440-70-2	Calcium	40900			5000	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7439-89-6	Iron	194			100	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7439-95-4	Magnesium	11200			5000	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7439-96-5	Manganese	53.7			15	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-23-5	Sodium	31500			5000	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW10
MBC7G4	Surface Water	11/13/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW10
MBC7G5	Surface Water	11/13/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-41-7	Beryllium	0.089	J	J	5	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-70-2	Calcium	41900			5000	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7439-89-6	Iron	156			100	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7439-95-4	Magnesium	11500			5000	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7439-96-5	Manganese	42.3			15	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-23-5	Sodium	31800			5000	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW11
MBC7G5	Surface Water	11/13/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW11
MBC7G6	Surface Water	11/13/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-41-7	Beryllium	0.11	J	J	5	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-70-2	Calcium	43000			5000	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7439-89-6	Iron	185			100	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7439-95-4	Magnesium	11700			5000	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7439-96-5	Manganese	53.9			15	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-02-0	Nickel	40.0	U	U	40	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-09-7	Potassium	5000	J	U	5000	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-23-5	Sodium	32600			5000	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-SW12
MBC7G6	Surface Water	11/13/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-SW12
LCS001			1	7429-90-5	Aluminum	361			200	ug/L	
LCS001			1	7440-36-0	Antimony	115			60	ug/L	
LCS001			1	7440-38-2	Arsenic	19.1			10	ug/L	
LCS001			1	7440-39-3	Barium	374			200	ug/L	
LCS001			1	7440-41-7	Beryllium	10.1			5	ug/L	
LCS001			1	7440-43-9	Cadmium	9.2			5	ug/L	
LCS001			1	7440-70-2	Calcium	9780			5000	ug/L	
LCS001			1	7440-47-3	Chromium	20.3			10	ug/L	
LCS001			1	7440-48-4	Cobalt	93.4			50	ug/L	
LCS001			1	7440-50-8	Copper	46.9			25	ug/L	
LCS001			1	7439-89-6	Iron	189			100	ug/L	
LCS001			1	7439-92-1	Lead	18.6			10	ug/L	
LCS001			1	7439-95-4	Magnesium	10200			5000	ug/L	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7F4_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
LCS001			1	7439-96-5	Manganese	37.2			15	ug/L	
LCS001			1	7440-02-0	Nickel	73.5			40	ug/L	
LCS001			1	7440-09-7	Potassium	9880			5000	ug/L	
LCS001			1	7782-49-2	Selenium	70.8			35	ug/L	
LCS001			1	7440-22-4	Silver	19.6			10	ug/L	
LCS001			1	7440-23-5	Sodium	10600			5000	ug/L	
LCS001			1	7440-28-0	Thallium	48.6			25	ug/L	
LCS001			1	7440-62-2	Vanadium	97.3			50	ug/L	
LCS001			1	7440-66-6	Zinc	115			60	ug/L	
LCS002			1	7429-90-5	Aluminum	386			200	ug/L	
LCS002			1	7440-36-0	Antimony	120			60	ug/L	
LCS002			1	7440-38-2	Arsenic	21.3			10	ug/L	
LCS002			1	7440-39-3	Barium	389			200	ug/L	
LCS002			1	7440-41-7	Beryllium	10.0			5	ug/L	
LCS002			1	7440-43-9	Cadmium	9.2			5	ug/L	
LCS002			1	7440-70-2	Calcium	10300			5000	ug/L	
LCS002			1	7440-47-3	Chromium	20.2			10	ug/L	
LCS002			1	7440-48-4	Cobalt	94.7			50	ug/L	
LCS002			1	7440-50-8	Copper	47.4			25	ug/L	
LCS002			1	7439-89-6	Iron	220			100	ug/L	
LCS002			1	7439-92-1	Lead	17.3			10	ug/L	
LCS002			1	7439-95-4	Magnesium	10500			5000	ug/L	
LCS002			1	7439-96-5	Manganese	30.9			15	ug/L	
LCS002			1	7440-02-0	Nickel	75.3			40	ug/L	
LCS002			1	7440-09-7	Potassium	10200			5000	ug/L	
LCS002			1	7782-49-2	Selenium	71.3			35	ug/L	
LCS002			1	7440-22-4	Silver	20.4			10	ug/L	
LCS002			1	7440-23-5	Sodium	10700			5000	ug/L	
LCS002			1	7440-28-0	Thallium	49.6			25	ug/L	
LCS002			1	7440-62-2	Vanadium	97.7			50	ug/L	
LCS002			1	7440-66-6	Zinc	118			60	ug/L	
MBC7F5S	Surface Water	11/10/2015	1	7429-90-5	Aluminum	2210			200	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-36-0	Antimony	92.0			60	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-38-2	Arsenic	38.8			10	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-39-3	Barium	1820			200	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-41-7	Beryllium	49.2			5	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-43-9	Cadmium	44.8			5	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-47-3	Chromium	195			10	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-48-4	Cobalt	452			50	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-50-8	Copper	231			25	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7439-89-6	Iron	1370			100	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7439-92-1	Lead	18.2			10	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7439-96-5	Manganese	518			15	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-02-0	Nickel	445			40	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7782-49-2	Selenium	97.7			35	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-22-4	Silver	47.7			10	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-28-0	Thallium	49.1			25	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-62-2	Vanadium	472			50	ug/L	0269-SW01
MBC7F5S	Surface Water	11/10/2015	1	7440-66-6	Zinc	465			60	ug/L	0269-SW01
MBC7G3S	Surface Water	11/13/2015	1	7429-90-5	Aluminum	2120			200	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-36-0	Antimony	98.0			60	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-38-2	Arsenic	38.7			10	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-39-3	Barium	1920			200	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-41-7	Beryllium	49.8			5	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-43-9	Cadmium	46.5			5	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-47-3	Chromium	197			10	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-48-4	Cobalt	464			50	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-50-8	Copper	231			25	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7439-89-6	Iron	1220			100	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7439-92-1	Lead	17.7			10	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7439-96-5	Manganese	562			15	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-02-0	Nickel	461			40	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7782-49-2	Selenium	99.3			35	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-22-4	Silver	49.8			10	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-28-0	Thallium	47.7			25	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-62-2	Vanadium	485			50	ug/L	0269-SW09
MBC7G3S	Surface Water	11/13/2015	1	7440-66-6	Zinc	484			60	ug/L	0269-SW09
PBW001			1	7429-90-5	Aluminum	200	U	U	200	ug/L	
PBW001			1	7440-36-0	Antimony	60.0	U	U	60	ug/L	
PBW001			1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	
PBW001			1	7440-39-3	Barium	200	U	U	200	ug/L	
PBW001			1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	
PBW001			1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7F4_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
PBW001			1	7440-70-2	Calcium	5000	U	U	5000	ug/L	
PBW001			1	7440-47-3	Chromium	10.0	U	U	10	ug/L	
PBW001			1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	
PBW001			1	7440-50-8	Copper	25.0	U	U	25	ug/L	
PBW001			1	7439-89-6	Iron	100	U	U	100	ug/L	
PBW001			1	7439-92-1	Lead	10.0	U	U	10	ug/L	
PBW001			1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	
PBW001			1	7439-96-5	Manganese	2.1	J	J	15	ug/L	
PBW001			1	7440-02-0	Nickel	40.0	U	U	40	ug/L	
PBW001			1	7440-09-7	Potassium	5000	U	U	5000	ug/L	
PBW001			1	7782-49-2	Selenium	35.0	U	U	35	ug/L	
PBW001			1	7440-22-4	Silver	10.0	U	U	10	ug/L	
PBW001			1	7440-23-5	Sodium	5000	U	U	5000	ug/L	
PBW001			1	7440-28-0	Thallium	25.0	U	U	25	ug/L	
PBW001			1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	
PBW001			1	7440-66-6	Zinc	6.7	J	J	60	ug/L	
PBW002			1	7429-90-5	Aluminum	200	U	U	200	ug/L	
PBW002			1	7440-36-0	Antimony	60.0	U	U	60	ug/L	
PBW002			1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	
PBW002			1	7440-39-3	Barium	200	U	U	200	ug/L	
PBW002			1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	
PBW002			1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	
PBW002			1	7440-70-2	Calcium	5000	U	U	5000	ug/L	
PBW002			1	7440-47-3	Chromium	10.0	U	U	10	ug/L	
PBW002			1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	
PBW002			1	7440-50-8	Copper	25.0	U	U	25	ug/L	
PBW002			1	7439-89-6	Iron	100	U	U	100	ug/L	
PBW002			1	7439-92-1	Lead	10.0	U	U	10	ug/L	
PBW002			1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	
PBW002			1	7439-96-5	Manganese	15.0	U	U	15	ug/L	
PBW002			1	7440-02-0	Nickel	40.0	U	U	40	ug/L	
PBW002			1	7440-09-7	Potassium	5000	U	U	5000	ug/L	
PBW002			1	7782-49-2	Selenium	35.0	U	U	35	ug/L	
PBW002			1	7440-22-4	Silver	10.0	U	U	10	ug/L	
PBW002			1	7440-23-5	Sodium	5000	U	U	5000	ug/L	
PBW002			1	7440-28-0	Thallium	25.0	U	U	25	ug/L	
PBW002			1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	
PBW002			1	7440-66-6	Zinc	60.0	U	U	60	ug/L	
MBC7F5D	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.029	J		0.2	ug/L	0269-SW01
MBC764	DI Water		1	7439-97-6	Mercury	0.039	J*	J	0.2	ug/L	
MBC7F4	DI Water	11/10/2015	1	7439-97-6	Mercury	0.040	J*	J	0.2	ug/L	0269-RIN03
MBC7F5	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.042	J*	J+	0.2	ug/L	0269-SW01
MBC7F6	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.039	J*	J	0.2	ug/L	0269-SW02
MBC7F7	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.040	J*	J	0.2	ug/L	0269-SW03
MBC7F8	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.051	J*	J	0.2	ug/L	0269-SW04
MBC7F9	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.036	J*	J	0.2	ug/L	0269-SW05
MBC7G0	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.046	J*	J	0.2	ug/L	0269-SW06
MBC7G1	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.16	J*	J	0.2	ug/L	0269-SW07
MBC7G2	Surface Water	11/10/2015	1	7439-97-6	Mercury	0.11	J*	J	0.2	ug/L	0269-SW08
MBC7G3	Surface Water	11/13/2015	1	7439-97-6	Mercury	0.039	J*	J	0.2	ug/L	0269-SW09
MBC7G4	Surface Water	11/13/2015	1	7439-97-6	Mercury	0.038	J*	J	0.2	ug/L	0269-SW10
MBC7G5	Surface Water	11/13/2015	1	7439-97-6	Mercury	0.034	J*	J	0.2	ug/L	0269-SW11
MBC7G6	Surface Water	11/13/2015	1	7439-97-6	Mercury	0.044	J*	J	0.2	ug/L	0269-SW12
MBC7F5S	Surface Water	11/10/2015	1	7439-97-6	Mercury	1.4	*		0.2	ug/L	0269-SW01
PBW001			1	7439-97-6	Mercury	0.043	J	J	0.2	ug/L	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7F4_S3VEM.xls).

REFERENCE 46

PROJECT NOTE	WESTON SOLUTIONS, INC.
To: Wappinger Creek File	**Date:** December 9, 2015
TDD No.: 0004/1508-06	
From: Scott Snyder, Weston Solutions, Inc.	
Subject: Dioxin/Furan Data	

References

1. NYSDEC. Screening and Assessment of Contaminated Sediment (excerpts). June 2014.

Six (including one environmental duplicate sample) of the sediment samples collected by EPA in November 2015 were analyzed for dioxins and furans by Eurofins Lancaster Laboratories of Lancaster, Pennsylvania using EPA Method SW-846 8290A.

For the protection of human health, toxic equivalency factors (TEF) and bioaccumulation equivalency factors (BEF) have been published by NYSDEC (6 NYCRR Part 703.5) that can be used to equate the toxicity and bioaccumulative potential for mixtures of polychlorinated dioxin and furan compounds to the equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD). By multiplying the TEF and BEF together, the toxic equivalency (TEQ) of the dioxin/furan compound can be determined. The individual TEQs are then summed to determine the TEQ of the mixture compared to 2,3,7,8-TCDD. The TEFs and BEFs published by NYSDEC have been applied to the dioxin/furan sample results and the resulting 2,3,7,8-TCDD TEQ for each sample has been compared to the NYSDEC freshwater sediment guidance value (SGV) of 0.5 nanograms per kilogram (ng/kg) for 2,3,7,8-TCDD or equivalent in Class B sediments (slightly to moderately contaminated).

Dioxins/furans results for two of the EPA sediment samples collected in November 2015 exceed this value.

0269-SED12-12-24: 0.9260 ng/kg
0269-SED14-6-12: 9.424 ng/kg

0269-SED07-12-24

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	0.0410 JQ	1	1	0.0410	40, p. 5
12378-PeCDD	0.146 JQ	0.5	0.9	0.066	
123478-HxCDD	0.0656 JQ	0.1	0.3	0.0020	
123678-HxCDD	0.111 JBQ	0.1	0.1	0.001	
123789-HxCDD	0.124 JBQ	0.1	0.1	0.001	
1234678-HpCDD	2.24 JB	0.01	0.05	0.001	
OCDD	39.6 B	0.001	0.01	0.000	
2378-TCDF	0.126 JQ	0.1	0.8	0.010	
12378-PeCDF	0.213 JB	0.05	0.2	0.002	
23478-PeCDF	0.157 JBQ	0.5	1.6	0.126	
123478-HxCDF	0.107JB	0.1	0.08	0.001	
123678-HxCDF	0.138 JBQ	0.1	0.2	0.003	
123789-HxCDF	0.201 JB	0.1	0.7	0.014	
234678-HxCDF	0.0540 JQ	0.1	0.6	0.0032	
1234678-HpCDF	0.335 JB	0.01	0.01	0.000	
1234789-HpCDF	0.0585 JB	0.01	0.4	0.0002	
OCDF	0.529 JB	0.001	0.02	0.000	
			2,3,7,8-TCDD TEQ	0.2714	

0269-SED07A-12-24

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	ND	1	1	ND	40, p. 10
12378-PeCDD	0.0704 J	0.5	0.9	0.0317	
123478-HxCDD	0.0440 J	0.1	0.3	0.0013	
123678-HxCDD	0.0635 JBQ	0.1	0.1	0.0006	
123789-HxCDD	0.0639 JB	0.1	0.1	0.0006	
1234678-HpCDD	1.72 JB	0.01	0.05	0.001	
OCDD	34.0 B	0.001	0.01	0.000	
2378-TCDF	0.113 JQ	0.1	0.8	0.009	
12378-PeCDF	0.194 JB	0.05	0.2	0.002	
23478-PeCDF	0.0830 JBQ	0.5	1.6	0.0664	
123478-HxCDF	0.0607 JBQ	0.1	0.08	0.0005	
123678-HxCDF	0.0838 JBQ	0.1	0.2	0.0017	
123789-HxCDF	0.140 JB	0.1	0.7	0.010	
234678-HxCDF	0.0546 JQ	0.1	0.6	0.0033	
1234678-HpCDF	0.177 JB	0.01	0.01	0.000	
1234789-HpCDF	0.0212 JBQ	0.01	0.4	0.0001	
OCDF	0.308	0.001	0.02	0.000	
			2,3,7,8-TCDD TEQ	0.1282	

0269-SED11-12-24

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	0.0635 JQ	1	1	0.0635	40, p. 24
12378-PeCDD	0.0472 JQ	0.5	0.9	0.0212	
123478-HxCDD	0.0181JQ	0.1	0.3	0.0005	
123678-HxCDD	0.0458 JBQ	0.1	0.1	0.0005	
123789-HxCDD	0.0496 JBQ	0.1	0.1	0.0005	
1234678-HpCDD	0.633 JB	0.01	0.05	0.000	
OCDD	24.1 B	0.001	0.01	0.000	
2378-TCDF	0.207 JQ	0.1	0.8	0.017	
12378-PeCDF	0.147 JBQ	0.05	0.2	0.002	
23478-PeCDF	0.114 JBQ	0.5	1.6	0.091	
123478-HxCDF	0.0517 JB	0.1	0.08	0.0004	
123678-HxCDF	0.0394 JBQ	0.1	0.2	0.0008	
123789-HxCDF	0.112 JBQ	0.1	0.7	0.008	
234678-HxCDF	0.0470 J	0.1	0.6	0.0028	
1234678-HpCDF	0.190 JB	0.01	0.01	0.000	
1234789-HpCDF	0.0282 JBQ	0.01	0.4	0.0001	
OCDF	0.443 JB	0.001	0.02	0.000	
			2,3,7,8-TCDD TEQ	0.2083	

0269-SED12-12-24

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	0.387 J	1	1	0.387	39, p. 5
12378-PeCDD	0.369 J	0.5	0.9	0.166	
123478-HxCDD	0.457 J	0.1	0.3	0.014	
123678-HxCDD	1.72 JB	0.1	0.1	0.017	
123789-HxCDD	1.03 JB	0.1	0.1	0.010	
1234678-HpCDD	48.7 B	0.01	0.05	0.024	
OCDD	992 B	0.001	0.01	0.010	
2378-TCDF	1.36 C	0.1	0.8	0.109	
12378-PeCDF	0.755 JB	0.05	0.2	0.008	
23478-PeCDF	ND	0.5	1.6	ND	
123478-HxCDF	0.959 JB	0.1	0.08	0.008	
123678-HxCDF	1.33 JB	0.1	0.2	0.027	
123789-HxCDF	0.457 JB	0.1	0.7	0.032	
234678-HxCDF	1.80 J	0.1	0.6	0.108	
1234678-HpCDF	11.9 B	0.01	0.01	0.001	
1234789-HpCDF	0.958 JB	0.01	0.4	0.004	
OCDF	47.2	0.001	0.02	0.001	
			2,3,7,8-TCDD TEQ	0.9260	

0269-SED13-12-24

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	0.0550 JQ	1	1	0.0550	39, p. 11
12378-PeCDD	0.0289 JQ	0.5	0.9	0.0130	
123478-HxCDD	0.0555 JQ	0.1	0.3	0.0017	
123678-HxCDD	0.0640 JBQ	0.1	0.1	0.0006	
123789-HxCDD	0.0239 JBQ	0.1	0.1	0.0002	
1234678-HpCDD	1.23 JB	0.01	0.05	0.001	
OCDD	31.3 JB	0.001	0.01	0.000	
2378-TCDF	0.175 JQ	0.1	0.8	0.014	
12378-PeCDF	0.117 JBQ	0.05	0.2	0.001	
23478-PeCDF	0.0542 JBQ	0.5	1.6	0.0434	
123478-HxCDF	0.0986 JBQ	0.1	0.08	0.0008	
123678-HxCDF	0.0807 JB	0.1	0.2	0.0016	
123789-HxCDF	0.0926 JBQ	0.1	0.7	0.0065	
234678-HxCDF	0.0578 J	0.1	0.6	0.0035	
1234678-HpCDF	0.517 JB	0.01	0.01	0.000	
1234789-HpCDF	0.0747 JB	0.01	0.4	0.0003	
OCDF	1.04	0.001	0.02	0.000	
			2,3,7,8-TCDD TEQ	0.1426	

0269-SED14-6-12

Dioxins/Furans	Result	TEF	BEF	Adjusted Result	Reference
2378-TCDD	0.238 J	1	1	0.238	39, p. 17
12378-PeCDD	0.903 JQ	0.5	0.9	0.407	
123478-HxCDD	1.06 J	0.1	0.3	0.032	
123678-HxCDD	4.06 JB	0.1	0.1	0.041	
123789-HxCDD	2.17 JB	0.1	0.1	0.022	
1234678-HpCDD	94.0 B	0.01	0.05	0.047	
OCDD	816 B	0.001	0.01	0.008	
2378-TCDF	9.25 C	0.1	0.8	0.740	
12378-PeCDF	3.52 JB	0.05	0.2	0.035	
23478-PeCDF	9.03 B	0.5	1.6	7.224	
123478-HxCDF	10.6 B	0.1	0.08	0.085	
123678-HxCDF	5.08 JB	0.1	0.2	0.102	
123789-HxCDF	1.43 JB	0.1	0.7	0.100	
234678-HxCDF	5.38 J	0.1	0.6	0.323	
1234678-HpCDF	62.7 B	0.01	0.01	0.006	
1234789-HpCDF	3.05 JB	0.01	0.4	0.012	
OCDF	112 B	0.001	0.02	0.002	
			2,3,7,8-TCDD TEQ	9.424	

All dioxin and furan concentration reported in nanograms per kilogram (ng/kg).
B = Detected in method blank.
J = Estimated concentration between Estimated Detection Limit and Minimum Level.
C = Confirmed quantitation on secondary GC column.
Q = EMPC – Estimated Maximum Possible Concentration.

Ref. 39, p. 5

Scott Snyder
Principal Scientist

Screening and Assessment of Contaminated Sediment

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources
Bureau of Habitat

June 24, 2014

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concentrations of less than 100 µg/kg could be disposed of in water, but sediments with total PCB concentrations of greater than 1,000 µg/kg must be removed for upland disposal (DOW, 2004).

These values are generally similar in scale and order of magnitude as the empirical SGVs proposed by MacDonald, et al. (2000). Therefore, the values already in general use in the Department are adopted for use as initial screening SGVs for PCBs. As with all other SGVs used for screening, they are not final, and the finding of whether or not sediments are toxic can be altered by results of other lines of evidence, such as toxicity testing, benthic community analysis.

Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzo-p-furans (PCDFs) are similar compounds, and like PCBs, both PCDDs and PCDFs cause harm to biota more readily via bioaccumulation than via direct exposure to contaminated sediments. Also like PCBs, there are many congeners of PCDDs and PCDFs. The most toxic of the chlorinated dioxins and furans is 2,3,7,8 tetrachlorodibenzo-p-dioxin (TCDD). Seven of the 75 PCDD and 10 of the 135 PCDF congeners are structurally similar to 2,3,7,8, TCDD and result in similar toxic effects, although on a different scale (U.S. EPA 2008). For the protection of human health, toxic equivalency factors (TEFs) and bioaccumulation equivalency factors (BEFs) have been published in 6 NYCRR Part 703.5 that can be used to equate the toxicity and bioaccumulative potential for mixtures of PCDDs and PCDFs to the equivalent concentration of 2,3,7,8-TCDD. For example, 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin (HxCDD) has a TEF of 0.1 and a BEF of 0.3, meaning that it is approximately a tenth as toxic as 2,3,78-TCDD and has about 1/3rd the bioaccumulative potential. By multiplying the TEF and the BEF together, the toxic equivalency (TEQ) of 1,2,3,4,7,8-HxCDD can be determined: 0.1 x 0.3 = 0.03; that is, a concentration of 100 µg/kg of 1,2,3,4,7,8-HxCDD in sediment has roughly the same bioaccumulative and toxicity potential as a concentration of 3 µg/kg of 2,3,7,8-TCDD. If a mixture of several of the PCDDs and PCDFs for which TEFs and BEFs have been derived are detected in sediment, then the TEQ can be determined for each individual PCDD/PCDF. The individual TEQs are then summed to determine the TEQ of the mixture compared to 2,3,7,8-TCDD.

There are problems with this approach. Primarily, the TEFs and BEFs published in 6 NYCRR Part 703.5 are now somewhat dated, and were derived principally for the protection of human health using mammalian toxicity data. The World Health Organization published updated TEFs for mammals, birds, and fish, allowing risk assessments to be tailored for the protection of individual ecological communities (Van den Berg, et al. 1998; Van den Berg, et al. 2006). The U.S. EPA has proposed a more updated methodology for estimating and applying the toxic equivalence of mixtures of PCDDs, PCDFs, and dioxin-like PCBs (U.S. EPA 2008). These different approaches are better used during the latter stages of an assessment of the toxicity of mixtures of PCDDs and PCDFs in sediment. However, for *initial screening only*, this guidance recommends the use of the TEFs and BEFs from 6 NYCRR Part 703.5 to determine if a concern exists for the overall concentration of a mixture of PCDDs and PCDFs in sediment, by equating the PCDD/PCDF mixture to an equivalent concentration of 2,3,7,8-TCDD.

A Class A SGV for 2,3,7,8-TCDD is included in Tables 5 and 6. This is a bioaccumulation based, equilibrium partitioning SGV derived to protect piscivorous wildlife from 2,3,7,8-TCDD

or its TEQs from other PCDD/PCDFs in sediment. For purposes of initial screening only, if this Class A SGV is not exceeded, then the total 2,3,7,8-TCDD equivalent concentration of PCDD/PCDFs in sediment is unlikely to be harmful to aquatic life or terrestrial organisms that consume aquatic organisms. Exceeding the Class A SGV indicates that further assessment and evaluation of the potential toxicity from PCDD/PCDF contamination is needed.

The 2,3,7,8-TCDD and equivalent SGV is the *only* bioaccumulation-based SGV used as a screening value, and is used in this instance because of the high level of toxicity associated with PCDDs and PCDFs. Other bioaccumulation-based SGVs are not used for screening, and are discussed in Section 8. Table 2 lists the PCDD/PCDF compounds for which TEFs and BEFs have been published in 6NYCRR Part 703.5, and the corresponding TEFs and BEFs.

Table 2. Toxicity equivalency factors (TEFs) and bioaccumulative equivalency factors for polychlorinated dibenzo-p-dioxins and furans, from 6 NYCRR Part 703.5. These TEFs and BEFs are for use only in initial screening to estimate risks from mixtures of PCDDs and PCDFs.

Congener	**TEF**	**BEF**
2,3,7,8-tetrachlorodibenzo-p-dioxin	1	1
1,2,3,7,8-pentachlorodibenzo-p-dioxin	0.5	0.9
1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	0.1	0.3
1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	0.1	0.1
1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	0.1	0.1
1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	0.01	0.05
Octachlorodibenzo-p-dioxin	0.001	0.01
2,3,7,8-tetrachlorodibenzofuran	0.1	0.8
1,2,3,7,8-pentachlorodibenzofuran	0.05	0.2
2,3,4,7,8-pentachlorodibenzofuran	0.5	1.6
1,2,3,4,7,8-hexachlorodibenzofuran	0.1	0.08
1,2,3,6,7,8-hexachlorodibenzofuran	0.1	0.2
2,3,4,6,7,8-hexachlorodibenzofuran	0.1	0.7
1,2,3,7,8,9-hexachlorodibenzofuran	0.1	0.6
1,2,3,4,6,7,8-heptachlorodibenzofuran	0.01	0.01
1,2,3,4,7,8,9-heptachlorodibenzofuran	0.01	0.4
Octachlorodibenzofuran	0.001	0.02

D. Screening Values for Polar or Low K_{ow} Organic Compounds

The equilibrium partitioning process for organic contaminants described above only applies to compounds with high K_{ow}s that tend to dissolve in lipids and are likely to adsorb to organic carbon in sediment. Compounds with low K_{ow}s, however, tend to dissolve in water (solubility is inversely related to K_{ow} (Voice, et al. 1983)) and have a lower affinity for organic carbon.

SGVs have not been derived for organic contaminants with a log K_{ow} less than 2.0. These compounds tend not to accumulate in sediment (though they may be found there occasionally). For example, if spilled, volatile organic compounds (VOCs), which have low K_{ow}s, such as 1,2-dichloroethane, 1,1,2-trichloroethane, chloroform, etc. can migrate through soil and become

Table 5. Freshwater Sediment Guidance Values. Class A sediments are considered to be of low risk to aquatic life. Class B sediments are slightly to moderately contaminated and additional testing is required to evaluate the potential risks to aquatic life. Class C sediments are considered to be highly contaminated and likely to pose a risk to aquatic life. All values are dry weight values rounded to two significant digits.

Compound	Class A	Class B	Class C	Derivation
Metals, mg/kg or PPM				
Arsenic	< 10	10 – 33	> 33	1
Cadmium	< 1	1 – 5	> 5	1
Chromium	< 43	43 – 110	> 110	1
Copper	< 32	32 – 150	> 150	1
Lead	< 36	36 – 130	> 130	1
Mercury	< 0.2	0.2 – 1	> 1	1
Nickel	< 23	23 – 49	> 49	1
Silver	< 1	1 – 2.2	> 2.2	3
Zinc	< 120	120 – 460	> 460	1
Organic compounds, µg/kg or PPB				
Azinphosmethyl	< 0.06	≥ 0.06		2
Benzene	< 530	530 – 1,900	>1,900	2
Benefin (benfluralin)	<1,900	1,900 – 17,000	>17,000	2
Bifenthrin	< 1.6	1.6 – 14	> 14	2
Bis(2-ethylhexyl) phthalate	< 360,000	> 360,000		2
Carbaryl	< 6	6 – 10	>10	2
Carbofuran	< 4	4 – 38	> 38	2
Carbon tetrachloride	<1,070	1070-9,600	>9,600	2
Chlordane	< 68	68 – 38,000	> 38,000	2
Chlorobenzene	< 200	200 – 1,700	> 1,700	2
Chlorpyrifos	< 12	12 – 63	> 63	2
Chlorothalonil	< 7	7 – 62	> 62	2
ΣDDT	< 44	44 – 48,000	> 48,000	2
Diazinon	< 9	9 – 19	> 19	2
Dicamba	< 180	180 – 13,000	> 13,000	2
1,2-Dichlorobenzene	< 280	280 – 2,500	2,500	2
1,3-Dichlorobenzene	< 1,800	1,800 – 7,100	> 7,100	2
1,4-Dichlorobenzene	< 720	720 – 3,300	> 3,300	2
1,1-Dichloroethene	< 520	520 – 4,700	> 4,700	2
trans-1,2-Dichloroethene	< 1,200	1,200 – 11,000	> 11,000	2
Dieldrin	< 180	180 – 780	> 780	2
Endosulfan	< 1	1 – 20	> 20	2
Endrin	< 90	90 – 220	> 220	2
Ethylbenzene	< 430	430 – 3,700	> 3,700	2
Halofenozide	< 850	850 – 6,700	> 6,700	2
Heptachlor	< 75	75-10,000	> 10,000	2
Heptachlor epoxide	< 15	15 – 2100	> 2100	2
Hexachlorobutadiene	<1,200	1,200 – 12,000	> 12,000	2

Compound	Class A	Class B	Class C	Derivation
γ-Hexachlorocyclohexane (Lindane)	< 47	47 - 78	> 78	2
Hexachlorocyclopentadiene	< 810	810 – 8,100	> 8,100	2
Isopropylbenzene (cumene)	< 210	210 – 1,800	> 1,800	2
Malathion	< 0.42	> 0.42		2
Methoxychlor	< 59	> 59		2
Metolachlor	< 240	240 – 3,300	> 3,300	2
Mirex	< 120	> 120		2
Nonylphenol	< 54,000	54,000 – 230,000	> 230,000	2
Pendimethalin	< 3,400	3,400 – 28,000	> 28,000	2
Pentachlorobenzene	< 150	150 – 2,000	> 2,000	2
Pentachlorophenol	< 14,000	14,000 – 19,000	> 19,000	2
Prometon	< 1,700	1,700 – 21,000	> 21,000	2
2,3,7,8-TCDD and equivalent	<0.0005	>0.0005		4
1,2,3,4-Tetrachlorobenzene	< 1,000	1,000 – 5,300	> 5,300	2
1,2,3,5-Tetrachlorobenzene	< 2,500	2,500 – 22,000	> 22,000	2
1,2,4,5-Tetrachlorobenzene	< 3,000	3,000 – 14,000	> 14,000	2
1,1,1,2-Tetrachloroethane	< 9,000	9,000 – 18,000	> 18,000	2
1,1,2,2-Tetrachloroethane	< 2,800	2,800 – 5,400	> 5,400	2
Tetrachloroethene	< 16,000	16,000 – 57,000	> 57,000	2
Toluene	< 930	930 – 4,500	> 4,500	2
Total PAH	< 4,000	4,000 – 35,000	> 35,000	3
Total PCB	< 100	100-1000	> 1,000	5
Toxaphene	< 6	6 – 250	> 250	2
Triadimefon	< 220	220 – 2,500	> 2,500	2
1,2,3-Trichlorobenzene	< 230	230 - 2,800	> 2,800	2
1,2,4-Trichlorobenzene	< 35,000	35,000 – 55,000	> 55,000	2
Trichloroethane (sum of isomers)	< 1,900	1,900 – 3,500	> 3,500	2
Trichloroethene	< 1,800	1,800 – 8,600	> 8,600	2
1,2,4-trimethylbenzene	< 3,400	3,400 – 30,000	> 30,000	2
1,2-Xylene	< 820	820 – 7,200	> 7,240	2
1,3-Xylene	< 480	480 – 4,200	> 4,200	2
1,4-Xylene	< 530	530 – 4,700	> 4,700	2
Xylene, isomer unspecified	< 590	590 – 5,200	> 5,200	2

1. TEC/PEC derived from MacDonald, et al. (2000) (values rounded to two significant digits)
2. Equilibrium partitioning-based on 2% TOC (values rounded to two significant digits)
3. Value from Long and Morgan (1991) (values rounded to two significant digits)
4. Equilibrium partitioning using the ambient water quality standard for the protection of wildlife (bioaccumulation), based on 2% TOC
5. DOW TOGS 5.1.9

REFERENCE 47

Menu

Related Topics: Dioxin

Learn about Dioxin

Dioxin Key Facts

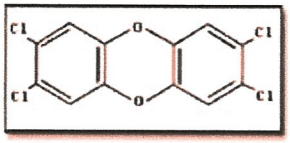
- Dioxins are called persistent organic pollutants (POPs), meaning they take a long time to break down once they are in the environment.
- Dioxins are highly toxic and can cause cancer, reproductive and developmental problems, damage to the immune system, and can interfere with hormones.
- Dioxins are found throughout the world in the environment and they accumulate in the food chain, mainly in the fatty tissue of animals
- More than 90% of human exposure is through food, mainly meat and dairy products, fish and shellfish.

What is Dioxin?

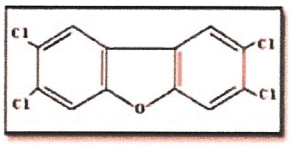
Applicable Laws

Research Timeline

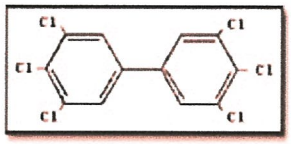
Figure 1: Dioxin chemical structures



2,3,7,8-Tetrachlorodibenzo-p-dioxin



2,3,7,8-Tetrachlorodibenzofuran



3,3',4,4',5,5'-Hexachlorobiphenyl

What is Dioxin?

Dioxins refers to a group of toxic chemical compounds that share certain chemical structures and biological characteristics (see figure 1). Several hundred of these chemicals exist and are members of three closely related families:

- Chlorinated dibenzo-p-dioxins (CDDs),
- Chlorinated dibenzofurans (CDFs) and
- Certain polychlorinated biphenyls (PCBs).

CDDs and CDFs are not created intentionally, but are produced as a result of human activities like the backyard burning of trash. Natural processes like forest fires also produce CDDs and CDFs. PCBs are manufactured products, but they are no longer produced in the United States.

Most Toxic Dioxin

The most studied and most toxic of all dioxins is **2,3,7,8-Tetrachlorodibenzo-p-dioxin.**In 2012, EPA released an updated assessment on this chemical.

What does dioxin look like?

Dioxin looks like white crystalline needles.

Where does dioxin come from?

Industrial activities: Dioxin is not produced or used commercially in the United States. It is a contaminant formed in the production of some chlorinated organic compounds, including a few herbicides such as silvex. Over the past decade, EPA and industry have been working together to dramatically reduce the production of dioxin in the environment. However it should be noted that though levels have decreased in the last 30 years, dioxins are extremely persistent compounds and break down very slowly. In fact, a large part of the current exposures to dioxins in the US is due to releases that occurred decades ago.

Even if all human-generated dioxins were eliminated, low levels of naturally produced dioxins would remain. EPA is working with other parts of the government to look for ways to further reduce dioxin levels entering the environment and to reduce human exposure to them.

Other ways dioxins are produced:

Burning: Dioxins are formed as a result of combustion processes such as waste incineration (commercial or municipal) or from burning fuels (like wood, coal or oil). *EPA's 2006 Dioxin Inventory of Sources Report* summarizes that man-made emissions dominate current releases in the US, but acknowledges the need for more data on natural sources. You may not be aware that dioxins can also be formed when household trash is burned or from events like forest fires.

Dioxins produced by backyard burning

Bleaching: Chlorine bleaching of pulp and paper, based on certain types of chemical manufacturing and processing, and other industrial processes this can create small quantities of dioxins in the environment.

Smoking: Cigarette smoke also contains small amounts of dioxins.

Drinking Water: Dioxin can get into drinking water from:

- emissions from waste incineration and other combustion that get deposited into bodies of water; and
- discharges into water from chemical factories.

Learn more about dioxin in drinking water.
EPA's private drinking water wells

How can dioxin affect my health?

Dioxins are highly toxic and can cause cancer, reproductive and developmental problems, damage to the immune system, and can interfere with hormones.

Related Resources

- More information about common sources of exposure
- Questions and answers about dioxin and food safety (Feb 2012) (Joint FDA and EPA)

Last updated on August 24, 2015

REFERENCE 48

EXECUTIVE NARRATIVE

Case No.: 45717
Site: Wappinger Creek
Number of Samples: 20 (Soil)
Analysis: Metals + Mercury

SDG No.: MBC775
Laboratory: Shealby Environmental Services, Inc.
Sampling dates: 11/11/2015 – 11/12/2015
Validation SOP: HW-3a and -3c (Rev 0)

QAPP
Contractor: Weston Solutions
Contractor Document #: W0269.1E.00632

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-"represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None

Major Findings:
Samples MBC775, MBC778, MBC781, MBC782, MBC784, and MBC7H7 have analytes that have been qualified J, J+ or J-.

Minor Findings:
None

COMMENT: The site-specific QAPP did not provide the project action levels for this site.

Reviewer Name(s): Constantin Stanca

Approver's Signature: **Date: 12/9/2015**

Name: **Narendra Kumar**

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	**Explanation**		
	INORGANICS	**ORGANICS**	**CHLORINATED DIOXIN/FURAN**
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: METALS ICP-AES

The current SOP HW-3a (Revision 0) July 2015, USEPA Region II for the evaluation of ICP-AES metals generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time or pH (aqueous samples are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (180 days) or pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be used to establish each analytical curve. At least one of these standards shall be at or below the CRQL. The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The curve must have a correlation coefficient ≥ 0.995. The percent differences calculated for all of the non-zero standards must be within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s).
The CCV standard shall be analyzed at a frequency of every two hours during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 90 – 110%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Calibration blanks (ICB and CCB) are used to ensure a stable instrument baseline before and during the analysis of analytical samples. The preparation blank is used to assess the level of contamination introduced to the analytical samples throughout the sample preparation process. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

4. **INTERFERENCE CHECK SAMPLE**

The Interference Check Sample (ICS) verifies the analytical instrument's ability to overcome interferences typical of those found in samples. The laboratory should have analyzed and reported ICS results for all elements being reported from the analytical run and for all interferents (target and non-target) for these reported elements. The ICS consists of two solutions: Solution A and Solution AB. Solution A consists of the interferents, and Solution AB consists of the analytes mixed with the interferents. Results for the analysis of ICS Solution must fall within the control limits of ± 20% or ±CRQL (whichever is greater) of the true value for the analytes and interferents included in the solution. If results that are ≥ MDL are observed for analytes that are not present in the ICS solution, the possibility of false positives exists. If negative results are observed for analytes that are not present in the ICS solution, and their absolute value is ≥ MDL, the possibility of false negatives in the samples exists. In general, ICP sample data can be accepted if the concentrations of Al, Ca, Fe, and Mg in the sample are found to be less than or equal to their respective concentrations in the ICS. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries less than 75%. Detected analytes with results greater than or equal to MDLs are qualified J-. Non-detected analytes are qualified UJ.

Manganese MBC775

The following Matrix Spike samples have percent recoveries less than of 30% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Non-detected analytes are qualified UJ.

Antimony MBC775

6. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

The following duplicate and original sample results are greater than 5xCRQL and RPD is greater than 35. The original sample results are greater than or equal to MDLs. Detected analytes are qualified J. Non-detected analytes are qualified UJ.

Lead MBC775

7. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

Not applicable.

8. LABORATORY CONTROL SAMPLE

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous/water, soil/sediment, wipe, and filter LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and Quality Assurance/Quality Control (QA/QC) procedures as employed for the samples. All LCS Percent Recoveries (%R) must fall within the control limits of 70-130%, except for Sb and Ag which must fall within the control limits of 50-150%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

9. ICP SERIAL DILUTION

The serial dilution of samples quantitated by Inductively Coupled Plasma determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high [concentration in the original sample is > 50 times (50x) the Method Detection Limit (MDL)], the Percent Difference (%D) between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 15. For a serial dilution analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the serial dilution sample.

The following sample is associated to the Serial Dilution sample with analyte %D > 15% and the original sample result is > 50xMDL. Detects are qualified as estimated J. Non-detects are qualified estimated UJ.

Antimony, Cadmium, Copper, Iron, Lead, Nickel MBC775

10. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

The following sediment samples have percent solids less than 50%. Detected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

All analytes MBC778, MBC781, MBC782, MBC784, MBC7H7

ANALYSIS: MERCURY

The current SOP HW-3c (Revision 0) July 2015, USEPA Region II for the evaluation of Mercury generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time, pH (aqueous samples), or cooler temperature are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (28 days) and pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects (sample quantitation limits) will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for mercury. Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be employed to establish the analytical curve. At least one of the calibration standards shall be at or below the Contract Required Quantitation Limit (CRQL). The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The calibration curves for mercury shall possess a correlation coefficient of ≥ 0.995 to ensure the linearity over the calibrated range. The percent differences calculated for all of the non-zero standards must fall within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. All sample results shall be reported from an analysis within the calibrated range. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for mercury by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every hour during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 85 – 115%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

The following sample has analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.

Mercury MBC776, MBC778, MBC779, MBC780, MBC781, MBC782, MBC783, MBC788, MBC789, MBC791, MBC7H7

The following sample has analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Non-detected analytes are not qualified. Sample results are reported at CRQLs.

Mercury MBC791

4. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following Matrix Spike samples have percent recoveries in the range of 30-74%. Detected analytes with results greater than or equal to MDLs are qualified J-. Nondetected analytes are qualified UJ.

Mercury MBC775

5. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate

value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

No problems were found for this criterion.

6. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

Not applicable.

7. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. Qualifications were applied to the samples and analytes as shown below.

The following sediment samples have percent solids less than 50%. Detected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

Mercury MBC778, MBC781, MBC782, MBC784, MBC7H7

Sample Summary Report

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI
Sample Number: LCS	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	37.7		mg/kg	37.7		1	Yes	S3VEM
Antimony	Target	11.3		mg/kg	11.3		1	Yes	S3VEM
Arsenic	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Barium	Target	39.1		mg/kg	39.1		1	Yes	S3VEM
Beryllium	Target	0.97		mg/kg	0.97		1	Yes	S3VEM
Cadmium	Target	0.92		mg/kg	0.92		1	Yes	S3VEM
Calcium	Target	1030		mg/kg	1030		1	Yes	S3VEM
Chromium	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Cobalt	Target	9.3		mg/kg	9.3		1	Yes	S3VEM
Copper	Target	4.8		mg/kg	4.8		1	Yes	S3VEM
Iron	Target	20.6		mg/kg	20.6		1	Yes	S3VEM
Lead	Target	1.8		mg/kg	1.8		1	Yes	S3VEM
Magnesium	Target	1010		mg/kg	1010		1	Yes	S3VEM
Manganese	Target	3.0		mg/kg	3.0		1	Yes	S3VEM
Nickel	Target	7.4		mg/kg	7.4		1	Yes	S3VEM
Potassium	Target	975		mg/kg	975		1	Yes	S3VEM
Selenium	Target	6.6		mg/kg	6.6		1	Yes	S3VEM
Silver	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Sodium	Target	1050		mg/kg	1050		1	Yes	S3VEM
Thallium	Target	4.5		mg/kg	4.5		1	Yes	S3VEM
Vanadium	Target	9.4		mg/kg	9.4		1	Yes	S3VEM
Zinc	Target	11.3		mg/kg	11.3		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC775	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.57	J-	mg/kg	0.57	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12200		mg/kg	12200		1	Yes	S3VEM
Antimony	Target	3.0	J	mg/kg	3.0	J*D	2	Yes	S3VEM
Arsenic	Target	4.7		mg/kg	4.7		1	Yes	S3VEM
Barium	Target	32.6		mg/kg	32.6		1	Yes	S3VEM
Beryllium	Target	0.43	J	mg/kg	0.43	J	1	Yes	S3VEM
Cadmium	Target	0.55	J	mg/kg	0.55	J*D	2	Yes	S3VEM
Calcium	Target	2580		mg/kg	2580		1	Yes	S3VEM
Chromium	Target	26.5		mg/kg	26.5		1	Yes	S3VEM
Cobalt	Target	9.1		mg/kg	9.1		1	Yes	S3VEM
Copper	Target	22.0	J	mg/kg	22.0	*D	2	Yes	S3VEM
Iron	Target	26100	J	mg/kg	26100	*D	2	Yes	S3VEM
Lead	Target	22.0	J	mg/kg	22.0	*D	2	Yes	S3VEM
Magnesium	Target	6840		mg/kg	6840		1	Yes	S3VEM
Manganese	Target	294	J-	mg/kg	294	*	1	Yes	S3VEM
Nickel	Target	21.2	J	mg/kg	21.2	*D	2	Yes	S3VEM
Potassium	Target	1140		mg/kg	1140		1	Yes	S3VEM
Selenium	Target	3.9	U	mg/kg	3.9	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	148	J	mg/kg	148	J	1	Yes	S3VEM
Thallium	Target	0.44	J	mg/kg	0.44	J	1	Yes	S3VEM
Vanadium	Target	16.1		mg/kg	16.1		1	Yes	S3VEM
Zinc	Target	98.6		mg/kg	98.6		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775A	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	137		ug/L	137	D	2	Yes	S3VEM
Manganese	Spike	2580		ug/L	2580		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775D	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12300		mg/kg	12300		1	Yes	S3VEM
Antimony	Target	3.2		mg/kg	3.2	JD	2	Yes	S3VEM
Arsenic	Target	5.3		mg/kg	5.3		1	Yes	S3VEM
Barium	Target	35.5		mg/kg	35.5		1	Yes	S3VEM
Beryllium	Target	0.44		mg/kg	0.44	J	1	Yes	S3VEM
Cadmium	Target	0.65		mg/kg	0.65	JD	2	Yes	S3VEM
Calcium	Target	3070		mg/kg	3070		1	Yes	S3VEM
Chromium	Target	29.0		mg/kg	29.0		1	Yes	S3VEM
Cobalt	Target	8.9		mg/kg	8.9		1	Yes	S3VEM
Copper	Target	25.9		mg/kg	25.9	D	2	Yes	S3VEM
Iron	Target	24100		mg/kg	24100	D	2	Yes	S3VEM
Lead	Target	37.8	J	mg/kg	37.8	D*	2	Yes	S3VEM
Magnesium	Target	6330		mg/kg	6330		1	Yes	S3VEM
Manganese	Target	287		mg/kg	287		1	Yes	S3VEM
Nickel	Target	21.0		mg/kg	21.0	D	2	Yes	S3VEM
Potassium	Target	1200		mg/kg	1200		1	Yes	S3VEM
Selenium	Target	4.0	U	mg/kg	4.0	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	165		mg/kg	165	J	1	Yes	S3VEM
Thallium	Target	2.9	U	mg/kg	2.9	U	1	Yes	S3VEM
Vanadium	Target	16.2		mg/kg	16.2		1	Yes	S3VEM
Zinc	Target	110		mg/kg	110		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775D	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.70		mg/kg	0.70		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number: MBC775L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	117000		ug/L	117000		5	Yes	S3VEM
Antimony	Target	6.5	J	ug/L	6.5	J*	2	Yes	S3VEM
Arsenic	Target	41.5		ug/L	41.5		5	Yes	S3VEM
Barium	Target	306		ug/L	306		5	Yes	S3VEM
Beryllium	Target	4.1		ug/L	4.1		5	Yes	S3VEM
Cadmium	Target	1.0		ug/L	1.0	*	2	Yes	S3VEM
Calcium	Target	24000		ug/L	24000		5	Yes	S3VEM
Chromium	Target	249		ug/L	249		5	Yes	S3VEM
Cobalt	Target	89.1		ug/L	89.1		5	Yes	S3VEM
Copper	Target	40.0		ug/L	40.0	*	2	Yes	S3VEM
Iron	Target	48400		ug/L	48400	*	2	Yes	S3VEM
Lead	Target	41.9		ug/L	41.9	*	2	Yes	S3VEM
Magnesium	Target	64000		ug/L	64000		5	Yes	S3VEM
Manganese	Target	2830		ug/L	2830		5	Yes	S3VEM
Nickel	Target	39.4		ug/L	39.4	*	2	Yes	S3VEM
Potassium	Target	10300		ug/L	10300		5	Yes	S3VEM
Selenium	Target	17.5	U	ug/L	17.5	U	5	Yes	S3VEM
Silver	Target	1.2	J	ug/L	1.2	J	5	Yes	S3VEM
Sodium	Target	1400	J	ug/L	1400	J	5	Yes	S3VEM
Thallium	Target	5.1	J	ug/L	5.1	J	5	Yes	S3VEM
Vanadium	Target	152		ug/L	152		5	Yes	S3VEM
Zinc	Target	953		ug/L	953		5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775S	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	7.5	J	mg/kg	7.5	J*D	2	Yes	S3VEM
Arsenic	Spike	13.2		mg/kg	13.2		1	Yes	S3VEM
Barium	Spike	468		mg/kg	468		1	Yes	S3VEM
Beryllium	Spike	11.8		mg/kg	11.8		1	Yes	S3VEM
Cadmium	Spike	11.2		mg/kg	11.2	D	2	Yes	S3VEM
Chromium	Spike	67.8		mg/kg	67.8		1	Yes	S3VEM
Cobalt	Spike	110		mg/kg	110		1	Yes	S3VEM
Copper	Spike	77.6		mg/kg	77.6	D	2	Yes	S3VEM
Lead	Spike	23.8		mg/kg	23.8	D	2	Yes	S3VEM
Manganese	Spike	365		mg/kg	365	*	1	Yes	S3VEM
Nickel	Spike	125		mg/kg	125	D	2	Yes	S3VEM
Selenium	Spike	20.6		mg/kg	20.6		1	Yes	S3VEM
Silver	Spike	10.8		mg/kg	10.8		1	Yes	S3VEM
Thallium	Spike	10.2		mg/kg	10.2		1	Yes	S3VEM
Vanadium	Spike	121		mg/kg	121		1	Yes	S3VEM
Zinc	Spike	202		mg/kg	202		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC775S	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/11/2015	Sample Time:	13:35:00
% Moisture :				% Solids :	69.8441		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	0.91		mg/kg	0.91	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC776	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	14:00:00
% Moisture :				% Solids :	72.8031		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.15	U	mg/kg	0.034	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC776	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	14:00:00
% Moisture :				% Solids :	72.8031		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11600		mg/kg	11600		1	Yes	S3VEM
Antimony	Target	14.0	U	mg/kg	14.0	U*D	2	Yes	S3VEM
Arsenic	Target	4.2		mg/kg	4.2		1	Yes	S3VEM
Barium	Target	30.1		mg/kg	30.1		1	Yes	S3VEM
Beryllium	Target	0.46	J	mg/kg	0.46	J	1	Yes	S3VEM
Cadmium	Target	0.13	J	mg/kg	0.13	J*D	2	Yes	S3VEM
Calcium	Target	2060		mg/kg	2060		1	Yes	S3VEM
Chromium	Target	16.4		mg/kg	16.4		1	Yes	S3VEM
Cobalt	Target	9.4		mg/kg	9.4		1	Yes	S3VEM
Copper	Target	13.6		mg/kg	13.6	*D	2	Yes	S3VEM
Iron	Target	24900		mg/kg	24900	*D	2	Yes	S3VEM
Lead	Target	10.0		mg/kg	10.0	*D	2	Yes	S3VEM
Magnesium	Target	5650		mg/kg	5650		1	Yes	S3VEM
Manganese	Target	307		mg/kg	307	*	1	Yes	S3VEM
Nickel	Target	21.1		mg/kg	21.1	*D	2	Yes	S3VEM
Potassium	Target	1460		mg/kg	1460		1	Yes	S3VEM
Selenium	Target	4.1	U	mg/kg	4.1	U	1	Yes	S3VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	Yes	S3VEM
Sodium	Target	313	J	mg/kg	313	J	1	Yes	S3VEM
Thallium	Target	0.43	J	mg/kg	0.43	J	1	Yes	S3VEM
Vanadium	Target	17.5		mg/kg	17.5		1	Yes	S3VEM
Zinc	Target	60.6		mg/kg	60.6		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC777	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	13:45:00
% Moisture :				% Solids :	62.9279		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14300		mg/kg	14300		1	Yes	S3VEM
Antimony	Target	14.9	U	mg/kg	14.9	U*D	2	Yes	S3VEM
Arsenic	Target	3.6		mg/kg	3.6		1	Yes	S3VEM
Barium	Target	34.4		mg/kg	34.4		1	Yes	S3VEM
Beryllium	Target	0.46	J	mg/kg	0.46	J	1	Yes	S3VEM
Cadmium	Target	0.21	J	mg/kg	0.21	J*D	2	Yes	S3VEM
Calcium	Target	1860		mg/kg	1860		1	Yes	S3VEM
Chromium	Target	19.2		mg/kg	19.2		1	Yes	S3VEM
Cobalt	Target	9.4		mg/kg	9.4		1	Yes	S3VEM
Copper	Target	16.2		mg/kg	16.2	*D	2	Yes	S3VEM
Iron	Target	28000		mg/kg	28000	*D	2	Yes	S3VEM
Lead	Target	10.9		mg/kg	10.9	*D	2	Yes	S3VEM
Magnesium	Target	6710		mg/kg	6710		1	Yes	S3VEM
Manganese	Target	292		mg/kg	292	*	1	Yes	S3VEM
Nickel	Target	23.8		mg/kg	23.8	*D	2	Yes	S3VEM
Potassium	Target	1550		mg/kg	1550		1	Yes	S3VEM
Selenium	Target	4.3	U	mg/kg	4.3	U	1	Yes	S3VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	Yes	S3VEM
Sodium	Target	196	J	mg/kg	196	J	1	Yes	S3VEM
Thallium	Target	3.1	U	mg/kg	3.1	U	1	Yes	S3VEM
Vanadium	Target	18.1		mg/kg	18.1		1	Yes	S3VEM
Zinc	Target	75.1		mg/kg	75.1		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC777	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED01	pH:		Sample Date:	11/11/2015	Sample Time:	13:45:00
% Moisture :				% Solids :	62.9279		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20		mg/kg	0.20	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC778	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:00:00
% Moisture :				% Solids :	47.937		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15400	J	mg/kg	15400		1	Yes	S3VEM
Antimony	Target	18.2	UJ	mg/kg	18.2	U*D	2	Yes	S3VEM
Arsenic	Target	4.8	J	mg/kg	4.8		1	Yes	S3VEM
Barium	Target	59.4	J	mg/kg	59.4		1	Yes	S3VEM
Beryllium	Target	0.66	J	mg/kg	0.66	J	1	Yes	S3VEM
Cadmium	Target	0.18	J	mg/kg	0.18	J*D	2	Yes	S3VEM
Calcium	Target	2940	J	mg/kg	2940		1	Yes	S3VEM
Chromium	Target	21.4	J	mg/kg	21.4		1	Yes	S3VEM
Cobalt	Target	11.6	J	mg/kg	11.6		1	Yes	S3VEM
Copper	Target	18.5	J	mg/kg	18.5	*D	2	Yes	S3VEM
Iron	Target	27600	J	mg/kg	27600	*D	2	Yes	S3VEM
Lead	Target	13.9	J	mg/kg	13.9	*D	2	Yes	S3VEM
Magnesium	Target	5760	J	mg/kg	5760		1	Yes	S3VEM
Manganese	Target	396	J	mg/kg	396	*	1	Yes	S3VEM
Nickel	Target	26.6	J	mg/kg	26.6	*D	2	Yes	S3VEM
Potassium	Target	1950	J	mg/kg	1950		1	Yes	S3VEM
Selenium	Target	5.3	UJ	mg/kg	5.3	U	1	Yes	S3VEM
Silver	Target	1.5	UJ	mg/kg	1.5	U	1	Yes	S3VEM
Sodium	Target	183	J	mg/kg	183	J	1	Yes	S3VEM
Thallium	Target	3.8	UJ	mg/kg	3.8	U	1	Yes	S3VEM
Vanadium	Target	23.3	J	mg/kg	23.3		1	Yes	S3VEM
Zinc	Target	75.9	J	mg/kg	75.9		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC778	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:00:00
% Moisture :				% Solids :	47.937		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.23	UJ	mg/kg	0.061	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC779	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:30:00
% Moisture :				% Solids :	54.5869		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.19	U	mg/kg	0.037	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC779	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:30:00
% Moisture :				% Solids :	54.5869		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15100		mg/kg	15100		1	Yes	S3VEM
Antimony	Target	16.4	U	mg/kg	16.4	U*D	2	Yes	S3VEM
Arsenic	Target	4.6		mg/kg	4.6		1	Yes	S3VEM
Barium	Target	49.7		mg/kg	49.7		1	Yes	S3VEM
Beryllium	Target	0.66	J	mg/kg	0.66	J	1	Yes	S3VEM
Cadmium	Target	0.19	J	mg/kg	0.19	J*D	2	Yes	S3VEM
Calcium	Target	2300		mg/kg	2300		1	Yes	S3VEM
Chromium	Target	20.7		mg/kg	20.7		1	Yes	S3VEM
Cobalt	Target	11.4		mg/kg	11.4		1	Yes	S3VEM
Copper	Target	17.3		mg/kg	17.3	*D	2	Yes	S3VEM
Iron	Target	28100		mg/kg	28100	*D	2	Yes	S3VEM
Lead	Target	11.6		mg/kg	11.6	*D	2	Yes	S3VEM
Magnesium	Target	5690		mg/kg	5690		1	Yes	S3VEM
Manganese	Target	343		mg/kg	343	*	1	Yes	S3VEM
Nickel	Target	25.7		mg/kg	25.7	*D	2	Yes	S3VEM
Potassium	Target	1860		mg/kg	1860		1	Yes	S3VEM
Selenium	Target	4.8	U	mg/kg	4.8	U	1	Yes	S3VEM
Silver	Target	1.4	U	mg/kg	1.4	U	1	Yes	S3VEM
Sodium	Target	176	J	mg/kg	176	J	1	Yes	S3VEM
Thallium	Target	3.4	U	mg/kg	3.4	U	1	Yes	S3VEM
Vanadium	Target	22.6		mg/kg	22.6		1	Yes	S3VEM
Zinc	Target	70.7		mg/kg	70.7		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC780	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	53.0145		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14000		mg/kg	14000		1	Yes	S3VEM
Antimony	Target	15.5	U	mg/kg	15.5	U*D	2	Yes	S3VEM
Arsenic	Target	4.6		mg/kg	4.6		1	Yes	S3VEM
Barium	Target	51.4		mg/kg	51.4		1	Yes	S3VEM
Beryllium	Target	0.60	J	mg/kg	0.60	J	1	Yes	S3VEM
Cadmium	Target	0.21	J	mg/kg	0.21	J*D	2	Yes	S3VEM
Calcium	Target	2550		mg/kg	2550		1	Yes	S3VEM
Chromium	Target	20.0		mg/kg	20.0		1	Yes	S3VEM
Cobalt	Target	10.3		mg/kg	10.3		1	Yes	S3VEM
Copper	Target	16.6		mg/kg	16.6	*D	2	Yes	S3VEM
Iron	Target	26500		mg/kg	26500	*D	2	Yes	S3VEM
Lead	Target	10.9		mg/kg	10.9	*D	2	Yes	S3VEM
Magnesium	Target	5290		mg/kg	5290		1	Yes	S3VEM
Manganese	Target	337		mg/kg	337	*	1	Yes	S3VEM
Nickel	Target	23.0		mg/kg	23.0	*D	2	Yes	S3VEM
Potassium	Target	1850		mg/kg	1850		1	Yes	S3VEM
Selenium	Target	4.5	U	mg/kg	4.5	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	172	J	mg/kg	172	J	1	Yes	S3VEM
Thallium	Target	3.2	U	mg/kg	3.2	U	1	Yes	S3VEM
Vanadium	Target	21.6		mg/kg	21.6		1	Yes	S3VEM
Zinc	Target	66.8		mg/kg	66.8		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC780	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED02	pH:		Sample Date:	11/11/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	53.0145		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.21	U	mg/kg	0.054	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC781	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:00:00
% Moisture :				% Solids :	46.1582		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.23	UJ	mg/kg	0.076	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC781	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:00:00
% Moisture :				% Solids :	46.1582		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20700	J	mg/kg	20700		1	Yes	S3VEM
Antimony	Target	19.9	UJ	mg/kg	19.9	U*D	2	Yes	S3VEM
Arsenic	Target	6.7	J	mg/kg	6.7		1	Yes	S3VEM
Barium	Target	97.3	J	mg/kg	97.3		1	Yes	S3VEM
Beryllium	Target	0.87	J	mg/kg	0.87		1	Yes	S3VEM
Cadmium	Target	0.16	J	mg/kg	0.16	J*D	2	Yes	S3VEM
Calcium	Target	3690	J	mg/kg	3690		1	Yes	S3VEM
Chromium	Target	24.9	J	mg/kg	24.9		1	Yes	S3VEM
Cobalt	Target	12.3	J	mg/kg	12.3		1	Yes	S3VEM
Copper	Target	26.9	J	mg/kg	26.9	*D	2	Yes	S3VEM
Iron	Target	30000	J	mg/kg	30000	*D	2	Yes	S3VEM
Lead	Target	56.0	J	mg/kg	56.0	*D	2	Yes	S3VEM
Magnesium	Target	6670	J	mg/kg	6670		1	Yes	S3VEM
Manganese	Target	454	J	mg/kg	454	*	1	Yes	S3VEM
Nickel	Target	29.2	J	mg/kg	29.2	*D	2	Yes	S3VEM
Potassium	Target	2440	J	mg/kg	2440		1	Yes	S3VEM
Selenium	Target	5.8	UJ	mg/kg	5.8	U	1	Yes	S3VEM
Silver	Target	1.7	UJ	mg/kg	1.7	U	1	Yes	S3VEM
Sodium	Target	191	J	mg/kg	191	J	1	Yes	S3VEM
Thallium	Target	4.1	UJ	mg/kg	4.1	U	1	Yes	S3VEM
Vanadium	Target	28.1	J	mg/kg	28.1		1	Yes	S3VEM
Zinc	Target	89.2	J	mg/kg	89.2		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC782	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:20:00
% Moisture :				% Solids :	47.4844		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.23	UJ	mg/kg	0.046	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC782	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:20:00
% Moisture :				% Solids :	47.4844		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14000	J	mg/kg	14000		1	Yes	S3VEM
Antimony	Target	18.2	UJ	mg/kg	18.2	U*D	2	Yes	S3VEM
Arsenic	Target	5.2	J	mg/kg	5.2		1	Yes	S3VEM
Barium	Target	51.4	J	mg/kg	51.4		1	Yes	S3VEM
Beryllium	Target	0.62	J	mg/kg	0.62	J	1	Yes	S3VEM
Cadmium	Target	0.26	J	mg/kg	0.26	J*D	2	Yes	S3VEM
Calcium	Target	2700	J	mg/kg	2700		1	Yes	S3VEM
Chromium	Target	20.4	J	mg/kg	20.4		1	Yes	S3VEM
Cobalt	Target	10.6	J	mg/kg	10.6		1	Yes	S3VEM
Copper	Target	18.1	J	mg/kg	18.1	*D	2	Yes	S3VEM
Iron	Target	34300	J	mg/kg	34300	*D	2	Yes	S3VEM
Lead	Target	13.8	J	mg/kg	13.8	*D	2	Yes	S3VEM
Magnesium	Target	5160	J	mg/kg	5160		1	Yes	S3VEM
Manganese	Target	327	J	mg/kg	327	*	1	Yes	S3VEM
Nickel	Target	24.4	J	mg/kg	24.4	*D	2	Yes	S3VEM
Potassium	Target	1730	J	mg/kg	1730		1	Yes	S3VEM
Selenium	Target	5.3	UJ	mg/kg	5.3	U	1	Yes	S3VEM
Silver	Target	1.5	UJ	mg/kg	1.5	U	1	Yes	S3VEM
Sodium	Target	191	J	mg/kg	191	J	1	Yes	S3VEM
Thallium	Target	3.8	UJ	mg/kg	3.8	U	1	Yes	S3VEM
Vanadium	Target	22.0	J	mg/kg	22.0		1	Yes	S3VEM
Zinc	Target	71.4	J	mg/kg	71.4		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC783	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:10:00
% Moisture :				% Solids :	50.2249		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15800		mg/kg	15800		1	Yes	S3VEM
Antimony	Target	17.1	U	mg/kg	17.1	U*D	2	Yes	S3VEM
Arsenic	Target	4.2		mg/kg	4.2		1	Yes	S3VEM
Barium	Target	63.4		mg/kg	63.4		1	Yes	S3VEM
Beryllium	Target	0.69	J	mg/kg	0.69	J	1	Yes	S3VEM
Cadmium	Target	0.24	J	mg/kg	0.24	J*D	2	Yes	S3VEM
Calcium	Target	2740		mg/kg	2740		1	Yes	S3VEM
Chromium	Target	20.5		mg/kg	20.5		1	Yes	S3VEM
Cobalt	Target	10.6		mg/kg	10.6		1	Yes	S3VEM
Copper	Target	19.5		mg/kg	19.5	*D	2	Yes	S3VEM
Iron	Target	26400		mg/kg	26400	*D	2	Yes	S3VEM
Lead	Target	15.0		mg/kg	15.0	*D	2	Yes	S3VEM
Magnesium	Target	5400		mg/kg	5400		1	Yes	S3VEM
Manganese	Target	355		mg/kg	355	*	1	Yes	S3VEM
Nickel	Target	25.2		mg/kg	25.2	*D	2	Yes	S3VEM
Potassium	Target	1950		mg/kg	1950		1	Yes	S3VEM
Selenium	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Silver	Target	1.4	U	mg/kg	1.4	U	1	Yes	S3VEM
Sodium	Target	186	J	mg/kg	186	J	1	Yes	S3VEM
Thallium	Target	3.6	U	mg/kg	3.6	U	1	Yes	S3VEM
Vanadium	Target	23.0		mg/kg	23.0		1	Yes	S3VEM
Zinc	Target	74.4		mg/kg	74.4		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC783	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED03	pH:		Sample Date:	11/11/2015	Sample Time:	17:10:00
% Moisture :				% Solids :	50.2249		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.23	U	mg/kg	0.044	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC784	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:25:00
% Moisture :				% Solids :	32.8131		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.85	J	mg/kg	0.85	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC784	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:25:00
% Moisture :				% Solids :	32.8131		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12600	J	mg/kg	12600		1	Yes	S3VEM
Antimony	Target	0.95	J	mg/kg	0.95	J*	1	Yes	S3VEM
Arsenic	Target	6.4	J	mg/kg	6.4		1	Yes	S3VEM
Barium	Target	70.3	J	mg/kg	70.3		1	Yes	S3VEM
Beryllium	Target	0.55	J	mg/kg	0.55	J	1	Yes	S3VEM
Cadmium	Target	2.4	J	mg/kg	2.4	*	1	Yes	S3VEM
Calcium	Target	6280	J	mg/kg	6280		1	Yes	S3VEM
Chromium	Target	47.0	J	mg/kg	47.0		1	Yes	S3VEM
Cobalt	Target	14.2	J	mg/kg	14.2		1	Yes	S3VEM
Copper	Target	67.7	J	mg/kg	67.7	*	1	Yes	S3VEM
Iron	Target	21200	J	mg/kg	21200	*	1	Yes	S3VEM
Lead	Target	85.6	J	mg/kg	85.6	*	1	Yes	S3VEM
Magnesium	Target	6220	J	mg/kg	6220		1	Yes	S3VEM
Manganese	Target	307	J	mg/kg	307	*	1	Yes	S3VEM
Nickel	Target	29.0	J	mg/kg	29.0	*	1	Yes	S3VEM
Potassium	Target	1610	J	mg/kg	1610		1	Yes	S3VEM
Selenium	Target	7.4	UJ	mg/kg	7.4	U	1	Yes	S3VEM
Silver	Target	2.1	UJ	mg/kg	2.1	U	1	Yes	S3VEM
Sodium	Target	171	J	mg/kg	171	J	1	Yes	S3VEM
Thallium	Target	5.3	UJ	mg/kg	5.3	U	1	Yes	S3VEM
Vanadium	Target	22.0	J	mg/kg	22.0		1	Yes	S3VEM
Zinc	Target	302	J	mg/kg	302		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC785	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:35:00
% Moisture :				% Solids :	62.7742		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14900		mg/kg	14900		1	Yes	S3VEM
Antimony	Target	16.5	U	mg/kg	16.5	U*D	2	Yes	S3VEM
Arsenic	Target	6.3		mg/kg	6.3		1	Yes	S3VEM
Barium	Target	57.8		mg/kg	57.8		1	Yes	S3VEM
Beryllium	Target	0.53	J	mg/kg	0.53	J	1	Yes	S3VEM
Cadmium	Target	0.24	J	mg/kg	0.24	J*D	2	Yes	S3VEM
Calcium	Target	2010		mg/kg	2010		1	Yes	S3VEM
Chromium	Target	39.6		mg/kg	39.6		1	Yes	S3VEM
Cobalt	Target	9.3		mg/kg	9.3		1	Yes	S3VEM
Copper	Target	23.2		mg/kg	23.2	*D	2	Yes	S3VEM
Iron	Target	22000		mg/kg	22000	*D	2	Yes	S3VEM
Lead	Target	38.3		mg/kg	38.3	*D	2	Yes	S3VEM
Magnesium	Target	5830		mg/kg	5830		1	Yes	S3VEM
Manganese	Target	270		mg/kg	270	*	1	Yes	S3VEM
Nickel	Target	19.9		mg/kg	19.9	*D	2	Yes	S3VEM
Potassium	Target	1300		mg/kg	1300		1	Yes	S3VEM
Selenium	Target	4.8	U	mg/kg	4.8	U	1	Yes	S3VEM
Silver	Target	1.4	U	mg/kg	1.4	U	1	Yes	S3VEM
Sodium	Target	120	J	mg/kg	120	J	1	Yes	S3VEM
Thallium	Target	3.4	U	mg/kg	3.4	U	1	Yes	S3VEM
Vanadium	Target	16.4		mg/kg	16.4		1	Yes	S3VEM
Zinc	Target	71.6		mg/kg	71.6		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC785	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:35:00
% Moisture :				% Solids :	62.7742		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.28		mg/kg	0.28	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC786	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:30:00
% Moisture :				% Solids :	57.8458		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12900		mg/kg	12900		1	Yes	S3VEM
Antimony	Target	14.3	J	mg/kg	14.3	J*D	2	Yes	S3VEM
Arsenic	Target	19.5		mg/kg	19.5		1	Yes	S3VEM
Barium	Target	47.3		mg/kg	47.3		1	Yes	S3VEM
Beryllium	Target	0.49	J	mg/kg	0.49	J	1	Yes	S3VEM
Cadmium	Target	9.9		mg/kg	9.9	*D	2	Yes	S3VEM
Calcium	Target	2600		mg/kg	2600		1	Yes	S3VEM
Chromium	Target	483		mg/kg	483		1	Yes	S3VEM
Cobalt	Target	11.3		mg/kg	11.3		1	Yes	S3VEM
Copper	Target	97.8		mg/kg	97.8	*D	2	Yes	S3VEM
Iron	Target	23700		mg/kg	23700	*D	2	Yes	S3VEM
Lead	Target	188		mg/kg	188	*D	2	Yes	S3VEM
Magnesium	Target	6040		mg/kg	6040		1	Yes	S3VEM
Manganese	Target	251		mg/kg	251	*	1	Yes	S3VEM
Nickel	Target	23.1		mg/kg	23.1	*D	2	Yes	S3VEM
Potassium	Target	904		mg/kg	904		1	Yes	S3VEM
Selenium	Target	4.4	U	mg/kg	4.4	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	95.1	J	mg/kg	95.1	J	1	Yes	S3VEM
Thallium	Target	0.70	J	mg/kg	0.70	J	1	Yes	S3VEM
Vanadium	Target	15.6		mg/kg	15.6		1	Yes	S3VEM
Zinc	Target	854		mg/kg	854		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC786	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED04	pH:		Sample Date:	11/11/2015	Sample Time:	16:30:00
% Moisture :				% Solids :	57.8458		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	16.7		mg/kg	16.7	D*	10	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC787	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:35:00
% Moisture :				% Solids :	50.1595		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	1.8		mg/kg	1.8	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC787	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:35:00
% Moisture :				% Solids :	50.1595		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15600		mg/kg	15600		1	Yes	S3VEM
Antimony	Target	17.2	U	mg/kg	17.2	U*D	2	Yes	S3VEM
Arsenic	Target	11.8		mg/kg	11.8		1	Yes	S3VEM
Barium	Target	70.5		mg/kg	70.5		1	Yes	S3VEM
Beryllium	Target	0.61	J	mg/kg	0.61	J	1	Yes	S3VEM
Cadmium	Target	0.42	J	mg/kg	0.42	J*D	2	Yes	S3VEM
Calcium	Target	2650		mg/kg	2650		1	Yes	S3VEM
Chromium	Target	120		mg/kg	120		1	Yes	S3VEM
Cobalt	Target	10.7		mg/kg	10.7		1	Yes	S3VEM
Copper	Target	57.5		mg/kg	57.5	*D	2	Yes	S3VEM
Iron	Target	22400		mg/kg	22400	*D	2	Yes	S3VEM
Lead	Target	150		mg/kg	150	*D	2	Yes	S3VEM
Magnesium	Target	5740		mg/kg	5740		1	Yes	S3VEM
Manganese	Target	291		mg/kg	291	*	1	Yes	S3VEM
Nickel	Target	22.1		mg/kg	22.1	*D	2	Yes	S3VEM
Potassium	Target	1420		mg/kg	1420		1	Yes	S3VEM
Selenium	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Silver	Target	1.4	U	mg/kg	1.4	U	1	Yes	S3VEM
Sodium	Target	121	J	mg/kg	121	J	1	Yes	S3VEM
Thallium	Target	3.6	U	mg/kg	3.6	U	1	Yes	S3VEM
Vanadium	Target	19.0		mg/kg	19.0		1	Yes	S3VEM
Zinc	Target	104		mg/kg	104		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC788	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:55:00
% Moisture :				% Solids :	73.0241		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.15	U	mg/kg	0.051	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC788	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:55:00
% Moisture :				% Solids :	73.0241		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9530		mg/kg	9530		1	Yes	S3VEM
Antimony	Target	13.2	U	mg/kg	13.2	U*D	2	Yes	S3VEM
Arsenic	Target	2.0		mg/kg	2.0		1	Yes	S3VEM
Barium	Target	25.5		mg/kg	25.5		1	Yes	S3VEM
Beryllium	Target	0.31	J	mg/kg	0.31	J	1	Yes	S3VEM
Cadmium	Target	0.11	J	mg/kg	0.11	J*D	2	Yes	S3VEM
Calcium	Target	1150		mg/kg	1150		1	Yes	S3VEM
Chromium	Target	10.9		mg/kg	10.9		1	Yes	S3VEM
Cobalt	Target	6.9		mg/kg	6.9		1	Yes	S3VEM
Copper	Target	7.9		mg/kg	7.9	*D	2	Yes	S3VEM
Iron	Target	18300		mg/kg	18300	*D	2	Yes	S3VEM
Lead	Target	5.8		mg/kg	5.8	*D	2	Yes	S3VEM
Magnesium	Target	4680		mg/kg	4680		1	Yes	S3VEM
Manganese	Target	182		mg/kg	182	*	1	Yes	S3VEM
Nickel	Target	15.3		mg/kg	15.3	*D	2	Yes	S3VEM
Potassium	Target	806		mg/kg	806		1	Yes	S3VEM
Selenium	Target	3.9	U	mg/kg	3.9	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	56.8	J	mg/kg	56.8	J	1	Yes	S3VEM
Thallium	Target	2.8	U	mg/kg	2.8	U	1	Yes	S3VEM
Vanadium	Target	10.4		mg/kg	10.4		1	Yes	S3VEM
Zinc	Target	45.9		mg/kg	45.9		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC789	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:45:00
% Moisture :				% Solids :	58.6439		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	U	mg/kg	0.063	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC789	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED05	pH:		Sample Date:	11/11/2015	Sample Time:	17:45:00
% Moisture :				% Solids :	58.6439		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13000		mg/kg	13000		1	Yes	S3VEM
Antimony	Target	16.0	U	mg/kg	16.0	U*D	2	Yes	S3VEM
Arsenic	Target	3.8		mg/kg	3.8		1	Yes	S3VEM
Barium	Target	49.4		mg/kg	49.4		1	Yes	S3VEM
Beryllium	Target	0.50	J	mg/kg	0.50	J	1	Yes	S3VEM
Cadmium	Target	0.15	J	mg/kg	0.15	J*D	2	Yes	S3VEM
Calcium	Target	1860		mg/kg	1860		1	Yes	S3VEM
Chromium	Target	17.5		mg/kg	17.5		1	Yes	S3VEM
Cobalt	Target	8.9		mg/kg	8.9		1	Yes	S3VEM
Copper	Target	16.4		mg/kg	16.4	*D	2	Yes	S3VEM
Iron	Target	22000		mg/kg	22000	*D	2	Yes	S3VEM
Lead	Target	51.4		mg/kg	51.4	*D	2	Yes	S3VEM
Magnesium	Target	5120		mg/kg	5120		1	Yes	S3VEM
Manganese	Target	248		mg/kg	248	*	1	Yes	S3VEM
Nickel	Target	19.8		mg/kg	19.8	*D	2	Yes	S3VEM
Potassium	Target	1150		mg/kg	1150		1	Yes	S3VEM
Selenium	Target	4.7	U	mg/kg	4.7	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	88.5	J	mg/kg	88.5	J	1	Yes	S3VEM
Thallium	Target	3.3	U	mg/kg	3.3	U	1	Yes	S3VEM
Vanadium	Target	15.3		mg/kg	15.3		1	Yes	S3VEM
Zinc	Target	63.4		mg/kg	63.4		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC790	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	74.9483		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	3.5		mg/kg	3.5	D*	5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC790	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	74.9483		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9860		mg/kg	9860		1	Yes	S3VEM
Antimony	Target	2.7	J	mg/kg	2.7	J*D	2	Yes	S3VEM
Arsenic	Target	8.4		mg/kg	8.4		1	Yes	S3VEM
Barium	Target	29.6		mg/kg	29.6		1	Yes	S3VEM
Beryllium	Target	0.35	J	mg/kg	0.35	J	1	Yes	S3VEM
Cadmium	Target	4.0		mg/kg	4.0	*D	2	Yes	S3VEM
Calcium	Target	1860		mg/kg	1860		1	Yes	S3VEM
Chromium	Target	117		mg/kg	117		1	Yes	S3VEM
Cobalt	Target	8.3		mg/kg	8.3		1	Yes	S3VEM
Copper	Target	55.9		mg/kg	55.9	*D	2	Yes	S3VEM
Iron	Target	20300		mg/kg	20300	*D	2	Yes	S3VEM
Lead	Target	72.4		mg/kg	72.4	*D	2	Yes	S3VEM
Magnesium	Target	5430		mg/kg	5430		1	Yes	S3VEM
Manganese	Target	216		mg/kg	216	*	1	Yes	S3VEM
Nickel	Target	18.3		mg/kg	18.3	*D	2	Yes	S3VEM
Potassium	Target	914		mg/kg	914		1	Yes	S3VEM
Selenium	Target	4.6	U	mg/kg	4.6	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	64.7	J	mg/kg	64.7	J	1	Yes	S3VEM
Thallium	Target	3.3	U	mg/kg	3.3	U	1	Yes	S3VEM
Vanadium	Target	11.5		mg/kg	11.5		1	Yes	S3VEM
Zinc	Target	424		mg/kg	424		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC791	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:20:00
% Moisture :				% Solids :	79.7964		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12600		mg/kg	12600		1	Yes	S3VEM
Antimony	Target	29.6	U	mg/kg	29.6	U*D	5	Yes	S3VEM
Arsenic	Target	1.7		mg/kg	1.7		1	Yes	S3VEM
Barium	Target	27.5		mg/kg	27.5		1	Yes	S3VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Cadmium	Target	0.20	J	mg/kg	0.20	J*D	5	Yes	S3VEM
Calcium	Target	1120		mg/kg	1120		1	Yes	S3VEM
Chromium	Target	16.9		mg/kg	16.9		1	Yes	S3VEM
Cobalt	Target	10.8		mg/kg	10.8		1	Yes	S3VEM
Copper	Target	13.1		mg/kg	13.1	*D	5	Yes	S3VEM
Iron	Target	28400		mg/kg	28400	*D	5	Yes	S3VEM
Lead	Target	11.4		mg/kg	11.4	*D	5	Yes	S3VEM
Magnesium	Target	5360		mg/kg	5360		1	Yes	S3VEM
Manganese	Target	291		mg/kg	291	*	1	Yes	S3VEM
Nickel	Target	21.3		mg/kg	21.3	*D	5	Yes	S3VEM
Potassium	Target	715		mg/kg	715		1	Yes	S3VEM
Selenium	Target	3.4	U	mg/kg	3.4	U	1	Yes	S3VEM
Silver	Target	0.99	U	mg/kg	0.99	U	1	Yes	S3VEM
Sodium	Target	45.4	J	mg/kg	45.4	J	1	Yes	S3VEM
Thallium	Target	0.41	J	mg/kg	0.41	J	1	Yes	S3VEM
Vanadium	Target	10.9		mg/kg	10.9		1	Yes	S3VEM
Zinc	Target	76.7		mg/kg	76.7		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC791	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:20:00
% Moisture :				% Solids :	79.7964		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.13	U	mg/kg	0.11	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC792	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	72.6076		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.39		mg/kg	0.39	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC792	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED06	pH:		Sample Date:	11/12/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	72.6076		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11100		mg/kg	11100		1	Yes	S3VEM
Antimony	Target	11.2	U	mg/kg	11.2	U*D	2	Yes	S3VEM
Arsenic	Target	5.2		mg/kg	5.2		1	Yes	S3VEM
Barium	Target	33.4		mg/kg	33.4		1	Yes	S3VEM
Beryllium	Target	0.39	J	mg/kg	0.39	J	1	Yes	S3VEM
Cadmium	Target	0.76	J	mg/kg	0.76	J*D	2	Yes	S3VEM
Calcium	Target	1380		mg/kg	1380		1	Yes	S3VEM
Chromium	Target	54.3		mg/kg	54.3		1	Yes	S3VEM
Cobalt	Target	7.8		mg/kg	7.8		1	Yes	S3VEM
Copper	Target	20.8		mg/kg	20.8	*D	2	Yes	S3VEM
Iron	Target	22000		mg/kg	22000	*D	2	Yes	S3VEM
Lead	Target	53.1		mg/kg	53.1	*D	2	Yes	S3VEM
Magnesium	Target	5320		mg/kg	5320		1	Yes	S3VEM
Manganese	Target	215		mg/kg	215	*	1	Yes	S3VEM
Nickel	Target	18.4		mg/kg	18.4	*D	2	Yes	S3VEM
Potassium	Target	811		mg/kg	811		1	Yes	S3VEM
Selenium	Target	3.3	U	mg/kg	3.3	U	1	Yes	S3VEM
Silver	Target	0.93	U	mg/kg	0.93	U	1	Yes	S3VEM
Sodium	Target	59.4	J	mg/kg	59.4	J	1	Yes	S3VEM
Thallium	Target	2.3	U	mg/kg	2.3	U	1	Yes	S3VEM
Vanadium	Target	12.0		mg/kg	12.0		1	Yes	S3VEM
Zinc	Target	135		mg/kg	135		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC793	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	10:45:00
% Moisture :				% Solids :	57.3474		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	1.1		mg/kg	1.1	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number:	MBC793	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	10:45:00
% Moisture :				% Solids :	57.3474		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8950		mg/kg	8950		1	Yes	S3VEM
Antimony	Target	0.89	J	mg/kg	0.89	J*	1	Yes	S3VEM
Arsenic	Target	5.7		mg/kg	5.7		1	Yes	S3VEM
Barium	Target	44.2		mg/kg	44.2		1	Yes	S3VEM
Beryllium	Target	0.42	J	mg/kg	0.42	J	1	Yes	S3VEM
Cadmium	Target	1.4		mg/kg	1.4	*	1	Yes	S3VEM
Calcium	Target	2470		mg/kg	2470		1	Yes	S3VEM
Chromium	Target	57.5		mg/kg	57.5		1	Yes	S3VEM
Cobalt	Target	8.0		mg/kg	8.0		1	Yes	S3VEM
Copper	Target	69.6		mg/kg	69.6	*	1	Yes	S3VEM
Iron	Target	17000		mg/kg	17000	*	1	Yes	S3VEM
Lead	Target	106		mg/kg	106	*	1	Yes	S3VEM
Magnesium	Target	4160		mg/kg	4160		1	Yes	S3VEM
Manganese	Target	268		mg/kg	268	*	1	Yes	S3VEM
Nickel	Target	15.8		mg/kg	15.8	*	1	Yes	S3VEM
Potassium	Target	842		mg/kg	842		1	Yes	S3VEM
Selenium	Target	4.6	U	mg/kg	4.6	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	107	J	mg/kg	107	J	1	Yes	S3VEM
Thallium	Target	3.3	U	mg/kg	3.3	U	1	Yes	S3VEM
Vanadium	Target	12.2		mg/kg	12.2		1	Yes	S3VEM
Zinc	Target	189		mg/kg	189		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI
Sample Number:	MBC7H7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	~~0269-SED21~~ 0269-SE002	pH:		Sample Date:	11/11/2015	Sample Time:	15:10:00
% Moisture :	55 2/12/16			% Solids :	49.4042		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	UJ	mg/kg	0.028	J*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC775	Lab Code:	EQI

Sample Number:	MBC7H7	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/11/2015	Sample Time:	15:10:00
% Moisture :				% Solids :	49.4042		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13700	J	mg/kg	13700		1	Yes	S3VEM
Antimony	Target	10.6	UJ	mg/kg	10.6	U*	1	Yes	S3VEM
Arsenic	Target	4.8	J	mg/kg	4.8		1	Yes	S3VEM
Barium	Target	47.5	J	mg/kg	47.5		1	Yes	S3VEM
Beryllium	Target	0.60	J	mg/kg	0.60	J	1	Yes	S3VEM
Cadmium	Target	0.18	J	mg/kg	0.18	J*	1	Yes	S3VEM
Calcium	Target	2810	J	mg/kg	2810		1	Yes	S3VEM
Chromium	Target	19.8	J	mg/kg	19.8		1	Yes	S3VEM
Cobalt	Target	11.1	J	mg/kg	11.1		1	Yes	S3VEM
Copper	Target	19.2	J	mg/kg	19.2	*	1	Yes	S3VEM
Iron	Target	26000	J	mg/kg	26000	*	1	Yes	S3VEM
Lead	Target	13.4	J	mg/kg	13.4	*	1	Yes	S3VEM
Magnesium	Target	5980	J	mg/kg	5980		1	Yes	S3VEM
Manganese	Target	385	J	mg/kg	385	*	1	Yes	S3VEM
Nickel	Target	25.0	J	mg/kg	25.0	*	1	Yes	S3VEM
Potassium	Target	1280	J	mg/kg	1280		1	Yes	S3VEM
Selenium	Target	6.2	UJ	mg/kg	6.2	U	1	Yes	S3VEM
Silver	Target	1.8	UJ	mg/kg	1.8	U	1	Yes	S3VEM
Sodium	Target	155	J	mg/kg	155	J	1	Yes	S3VEM
Thallium	Target	4.4	UJ	mg/kg	4.4	U	1	Yes	S3VEM
Vanadium	Target	21.0	J	mg/kg	21.0		1	Yes	S3VEM
Zinc	Target	74.0	J	mg/kg	74.0		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number: PBS	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Calcium	Target	8.2	J	mg/kg	8.2	J	1	Yes	S3VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1	Yes	S3VEM
Lead	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Magnesium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	Yes	S3VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	Yes	S3VEM
Potassium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number: PBS001	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC775	Lab Code: EQI

Sample Number: PBS002	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC775D	Sediment	11/11/2015	1	7429-90-5	Aluminum	12300			22.9	20	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7440-36-0	Antimony	3.2	JD		13.7	6	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-38-2	Arsenic	5.3			1.1	1	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-39-3	Barium	35.5			22.9	20	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.44	J		0.57	0.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.65	JD		1.1	0.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-70-2	Calcium	3070			571	500	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-47-3	Chromium	29.0			1.1	1	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-48-4	Cobalt	8.9			5.7	5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7440-50-8	Copper	25.9	D		5.7	2.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7439-89-6	Iron	24100	D		22.9	10	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7439-92-1	Lead	37.8	D*	J	2.3	1	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7439-95-4	Magnesium	6330			571	500	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7439-96-5	Manganese	287			1.7	1.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	2	7440-02-0	Nickel	21.0	D		9.1	4	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-09-7	Potassium	1200			571	500	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7782-49-2	Selenium	4.0	U	U	4.0	3.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-22-4	Silver	1.1	U	U	1.1	1	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-23-5	Sodium	165	J		571	500	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-28-0	Thallium	2.9	U	U	2.9	2.5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-62-2	Vanadium	16.2			5.7	5	mg/kg	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7440-66-6	Zinc	110			6.9	6	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7429-90-5	Aluminum	12200			22.2	20	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7440-36-0	Antimony	3.0	J*D	J	13.3	6	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.7			1.1	1	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-39-3	Barium	32.6			22.2	20	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.43	J	J	0.56	0.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.55	J*D	J	1.1	0.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-70-2	Calcium	2580			556	500	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-47-3	Chromium	26.5			1.1	1	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-48-4	Cobalt	9.1			5.6	5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7440-50-8	Copper	22.0	*D	J	5.6	2.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7439-89-6	Iron	26100	*D	J	22.2	10	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7439-92-1	Lead	22.0	*D	J	2.2	1	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7439-95-4	Magnesium	6840			556	500	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7439-96-5	Manganese	294	*	J-	1.7	1.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	2	7440-02-0	Nickel	21.2	*D	J	8.9	4	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-09-7	Potassium	1140			556	500	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7782-49-2	Selenium	3.9	U	U	3.9	3.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-22-4	Silver	1.1	U	U	1.1	1	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-23-5	Sodium	148	J	J	556	500	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-28-0	Thallium	0.44	J	J	2.8	2.5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-62-2	Vanadium	16.1			5.6	5	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7440-66-6	Zinc	98.6			6.7	6	mg/kg	0269-SED01-0-6
MBC776	Sediment	11/11/2015	1	7429-90-5	Aluminum	11600			23.3	20	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7440-36-0	Antimony	14.0	U*D	U	14.0	6	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.2			1.2	1	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-39-3	Barium	30.1			23.3	20	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.46	J	J	0.58	0.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.13	J*D	J	1.2	0.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-70-2	Calcium	2060			582	500	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-47-3	Chromium	16.4			1.2	1	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-48-4	Cobalt	9.4			5.8	5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7440-50-8	Copper	13.6	*D		5.8	2.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7439-89-6	Iron	24900	*D		23.3	10	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7439-92-1	Lead	10.0	*D		2.3	1	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7439-95-4	Magnesium	5650			582	500	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7439-96-5	Manganese	307	*		1.7	1.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	2	7440-02-0	Nickel	21.1	*D		9.3	4	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-09-7	Potassium	1460			582	500	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7782-49-2	Selenium	4.1	U	U	4.1	3.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-22-4	Silver	1.2	U	U	1.2	1	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-23-5	Sodium	313	J	J	582	500	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-28-0	Thallium	0.43	J	J	2.9	2.5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-62-2	Vanadium	17.5			5.8	5	mg/kg	0269-SED01-12-24
MBC776	Sediment	11/11/2015	1	7440-66-6	Zinc	60.6			7.0	6	mg/kg	0269-SED01-12-24
MBC777	Sediment	11/11/2015	1	7429-90-5	Aluminum	14300			24.8	20	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7440-36-0	Antimony	14.9	U*D	U	14.9	6	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-38-2	Arsenic	3.6			1.2	1	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-39-3	Barium	34.4			24.8	20	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.46	J	J	0.62	0.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.21	J*D	J	1.2	0.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-70-2	Calcium	1860			619	500	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-47-3	Chromium	19.2			1.2	1	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-48-4	Cobalt	9.4			6.2	5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7440-50-8	Copper	16.2	*D		6.2	2.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7439-89-6	Iron	28000	*D		24.8	10	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7439-92-1	Lead	10.9	*D		2.5	1	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7439-95-4	Magnesium	6710			619	500	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7439-96-5	Manganese	292	*		1.9	1.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	2	7440-02-0	Nickel	23.8	*D		9.9	4	mg/kg	0269-SED01-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC777	Sediment	11/11/2015	1	7440-09-7	Potassium	1550			619	500	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7782-49-2	Selenium	4.3	U	U	4.3	3.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-22-4	Silver	1.2	U	U	1.2	1	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-23-5	Sodium	196	J	J	619	500	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-28-0	Thallium	3.1	U	U	3.1	2.5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-62-2	Vanadium	18.1			6.2	5	mg/kg	0269-SED01-6-12
MBC777	Sediment	11/11/2015	1	7440-66-6	Zinc	75.1			7.4	6	mg/kg	0269-SED01-6-12
MBC778	Sediment	11/11/2015	1	7429-90-5	Aluminum	15400		J	30.3	20	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7440-36-0	Antimony	18.2	U*D	UJ	18.2	6	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.8		J	1.5	1	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-39-3	Barium	59.4		J	30.3	20	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.66	J	J	0.76	0.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.18	J*D	J	1.5	0.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-70-2	Calcium	2940		J	757	500	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-47-3	Chromium	21.4		J	1.5	1	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-48-4	Cobalt	11.6		J	7.6	5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7440-50-8	Copper	18.5	*D	J	7.6	2.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7439-89-6	Iron	27600	*D	J	30.3	10	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7439-92-1	Lead	13.9	*D	J	3.0	1	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7439-95-4	Magnesium	5760		J	757	500	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7439-96-5	Manganese	396	*	J	2.3	1.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	2	7440-02-0	Nickel	26.6	*D	J	12.1	4	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-09-7	Potassium	1950		J	757	500	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7782-49-2	Selenium	5.3	U	UJ	5.3	3.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-22-4	Silver	1.5	U	UJ	1.5	1	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-23-5	Sodium	183	J	J	757	500	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-28-0	Thallium	3.8	U	UJ	3.8	2.5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-62-2	Vanadium	23.3		J	7.6	5	mg/kg	0269-SED02-0-6
MBC778	Sediment	11/11/2015	1	7440-66-6	Zinc	75.9		J	9.1	6	mg/kg	0269-SED02-0-6
MBC779	Sediment	11/11/2015	1	7429-90-5	Aluminum	15100			27.4	20	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7440-36-0	Antimony	16.4	U*D	U	16.4	6	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.6			1.4	1	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-39-3	Barium	49.7			27.4	20	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.66	J	J	0.68	0.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.19	J*D	J	1.4	0.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-70-2	Calcium	2300			684	500	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-47-3	Chromium	20.7			1.4	1	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-48-4	Cobalt	11.4			6.8	5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7440-50-8	Copper	17.3	*D		6.8	2.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7439-89-6	Iron	28100	*D		27.4	10	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7439-92-1	Lead	11.6	*D		2.7	1	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7439-95-4	Magnesium	5690			684	500	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7439-96-5	Manganese	343	*		2.1	1.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	2	7440-02-0	Nickel	25.7	*D		10.9	4	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-09-7	Potassium	1860			684	500	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7782-49-2	Selenium	4.8	U	U	4.8	3.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-22-4	Silver	1.4	U	U	1.4	1	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-23-5	Sodium	176	J	J	684	500	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-28-0	Thallium	3.4	U	U	3.4	2.5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-62-2	Vanadium	22.6			6.8	5	mg/kg	0269-SED02-12-24
MBC779	Sediment	11/11/2015	1	7440-66-6	Zinc	70.7			8.2	6	mg/kg	0269-SED02-12-24
MBC780	Sediment	11/11/2015	1	7429-90-5	Aluminum	14000			25.8	20	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7440-36-0	Antimony	15.5	U*D	U	15.5	6	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.6			1.3	1	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-39-3	Barium	51.4			25.8	20	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.60	J	J	0.64	0.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.21	J*D	J	1.3	0.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-70-2	Calcium	2550			644	500	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-47-3	Chromium	20.0			1.3	1	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-48-4	Cobalt	10.3			6.4	5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7440-50-8	Copper	16.6	*D		6.4	2.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7439-89-6	Iron	26500	*D		25.8	10	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7439-92-1	Lead	10.9	*D		2.6	1	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7439-95-4	Magnesium	5290			644	500	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7439-96-5	Manganese	337	*		1.9	1.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	2	7440-02-0	Nickel	23.0	*D		10.3	4	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-09-7	Potassium	1850			644	500	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7782-49-2	Selenium	4.5	U	U	4.5	3.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-22-4	Silver	1.3	U	U	1.3	1	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-23-5	Sodium	172	J	J	644	500	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-28-0	Thallium	3.2	U	U	3.2	2.5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-62-2	Vanadium	21.6			6.4	5	mg/kg	0269-SED02-6-12
MBC780	Sediment	11/11/2015	1	7440-66-6	Zinc	66.8			7.7	6	mg/kg	0269-SED02-6-12
MBC781	Sediment	11/11/2015	1	7429-90-5	Aluminum	20700		J	33.1	20	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7440-36-0	Antimony	19.9	U*D	UJ	19.9	6	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-38-2	Arsenic	6.7		J	1.7	1	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-39-3	Barium	97.3		J	33.1	20	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.87		J	0.83	0.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.16	J*D	J	1.7	0.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-70-2	Calcium	3690		J	828	500	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-47-3	Chromium	24.9		J	1.7	1	mg/kg	0269-SED03-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC781	Sediment	11/11/2015	1	7440-48-4	Cobalt	12.3		J	8.3	5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7440-50-8	Copper	26.9	*D	J	8.3	2.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7439-89-6	Iron	30000	*D	J	33.1	10	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7439-92-1	Lead	56.0	*D	J	3.3	1	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7439-95-4	Magnesium	6670		J	828	500	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7439-96-5	Manganese	454	*	J	2.5	1.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	2	7440-02-0	Nickel	29.2	*D	J	13.2	4	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-09-7	Potassium	2440		J	828	500	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7782-49-2	Selenium	5.8	U	UJ	5.8	3.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-22-4	Silver	1.7	U	UJ	1.7	1	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-23-5	Sodium	191	J	J	828	500	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-28-0	Thallium	4.1	U	UJ	4.1	2.5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-62-2	Vanadium	28.1		J	8.3	5	mg/kg	0269-SED03-0-6
MBC781	Sediment	11/11/2015	1	7440-66-6	Zinc	89.2		J	9.9	6	mg/kg	0269-SED03-0-6
MBC782	Sediment	11/11/2015	1	7429-90-5	Aluminum	14000		J	30.4	20	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7440-36-0	Antimony	18.2	U*D	UJ	18.2	6	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-38-2	Arsenic	5.2		J	1.5	1	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-39-3	Barium	51.4		J	30.4	20	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.62	J	J	0.76	0.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.26	J*D	J	1.5	0.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-70-2	Calcium	2700		J	760	500	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-47-3	Chromium	20.4		J	1.5	1	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-48-4	Cobalt	10.6		J	7.6	5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7440-50-8	Copper	18.1	*D	J	7.6	2.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7439-89-6	Iron	34300	*D	J	30.4	10	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7439-92-1	Lead	13.8	*D	J	3.0	1	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7439-95-4	Magnesium	5160		J	760	500	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7439-96-5	Manganese	327	*	J	2.3	1.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	2	7440-02-0	Nickel	24.4	*D	J	12.2	4	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-09-7	Potassium	1730		J	760	500	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7782-49-2	Selenium	5.3	U	UJ	5.3	3.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-22-4	Silver	1.5	U	UJ	1.5	1	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-23-5	Sodium	191	J	J	760	500	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-28-0	Thallium	3.8	U	UJ	3.8	2.5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-62-2	Vanadium	22.0		J	7.6	5	mg/kg	0269-SED03-12-24
MBC782	Sediment	11/11/2015	1	7440-66-6	Zinc	71.4		J	9.1	6	mg/kg	0269-SED03-12-24
MBC783	Sediment	11/11/2015	1	7429-90-5	Aluminum	15800			28.5	20	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7440-36-0	Antimony	17.1	U*D	U	17.1	6	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.2			1.4	1	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-39-3	Barium	63.4			28.5	20	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.69	J	J	0.71	0.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.24	J*D	J	1.4	0.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-70-2	Calcium	2740			713	500	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-47-3	Chromium	20.5			1.4	1	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-48-4	Cobalt	10.6			7.1	5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7440-50-8	Copper	19.5	*D		7.1	2.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7439-89-6	Iron	26400	*D		28.5	10	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7439-92-1	Lead	15.0	*D		2.9	1	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7439-95-4	Magnesium	5400			713	500	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7439-96-5	Manganese	355	*		2.1	1.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	2	7440-02-0	Nickel	25.2	*D		11.4	4	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-09-7	Potassium	1950			713	500	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7782-49-2	Selenium	5.0	U	U	5.0	3.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-22-4	Silver	1.4	U	U	1.4	1	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-23-5	Sodium	186	J	J	713	500	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-28-0	Thallium	3.6	U	U	3.6	2.5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-62-2	Vanadium	23.0			7.1	5	mg/kg	0269-SED03-6-12
MBC783	Sediment	11/11/2015	1	7440-66-6	Zinc	74.4			8.6	6	mg/kg	0269-SED03-6-12
MBC784	Sediment	11/11/2015	1	7429-90-5	Aluminum	12600		J	42.3	20	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-36-0	Antimony	0.95	J*	J	12.7	6	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-38-2	Arsenic	6.4		J	2.1	1	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-39-3	Barium	70.3		J	42.3	20	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.55	J	J	1.1	0.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-43-9	Cadmium	2.4	*	J	1.1	0.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-70-2	Calcium	6280		J	1060	500	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-47-3	Chromium	47.0		J	2.1	1	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-48-4	Cobalt	14.2		J	10.6	5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-50-8	Copper	67.7	*	J	5.3	2.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7439-89-6	Iron	21200	*	J	21.1	10	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7439-92-1	Lead	85.6	*	J	2.1	1	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7439-95-4	Magnesium	6220		J	1060	500	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7439-96-5	Manganese	307	*	J	3.2	1.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-02-0	Nickel	29.0	*	J	8.5	4	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-09-7	Potassium	1610		J	1060	500	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7782-49-2	Selenium	7.4	U	UJ	7.4	3.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-22-4	Silver	2.1	U	UJ	2.1	1	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-23-5	Sodium	171	J	J	1060	500	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-28-0	Thallium	5.3	U	UJ	5.3	2.5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-62-2	Vanadium	22.0		J	10.6	5	mg/kg	0269-SED04-0-6
MBC784	Sediment	11/11/2015	1	7440-66-6	Zinc	302		J	12.7	6	mg/kg	0269-SED04-0-6
MBC785	Sediment	11/11/2015	1	7429-90-5	Aluminum	14900			27.4	20	mg/kg	0269-SED04-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC785	Sediment	11/11/2015	2	7440-36-0	Antimony	16.5	U*D	U	16.5	6	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-38-2	Arsenic	6.3			1.4	1	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-39-3	Barium	57.8			27.4	20	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.53	J	J	0.69	0.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.24	J*D	J	1.4	0.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-70-2	Calcium	2010			685	500	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-47-3	Chromium	39.6			1.4	1	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-48-4	Cobalt	9.3			6.9	5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	2	7440-50-8	Copper	23.2	*D		6.9	2.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	2	7439-89-6	Iron	22000	*D		27.4	10	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	2	7439-92-1	Lead	38.3	*D		2.7	1	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7439-95-4	Magnesium	5830			685	500	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7439-96-5	Manganese	270	*		2.1	1.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	2	7440-02-0	Nickel	19.9	*D		11.0	4	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-09-7	Potassium	1300			685	500	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7782-49-2	Selenium	4.8	U	U	4.8	3.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-22-4	Silver	1.4	U	U	1.4	1	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-23-5	Sodium	120	J	J	685	500	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-28-0	Thallium	3.4	U	U	3.4	2.5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-62-2	Vanadium	16.4			6.9	5	mg/kg	0269-SED04-12-24
MBC785	Sediment	11/11/2015	1	7440-66-6	Zinc	71.6			8.2	6	mg/kg	0269-SED04-12-24
MBC786	Sediment	11/11/2015	1	7429-90-5	Aluminum	12900			25.3	20	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7440-36-0	Antimony	14.3	J*D	J	15.2	6	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-38-2	Arsenic	19.5			1.3	1	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-39-3	Barium	47.3			25.3	20	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.49	J	J	0.63	0.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7440-43-9	Cadmium	9.9	*D		1.3	0.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-70-2	Calcium	2600			632	500	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-47-3	Chromium	483			1.3	1	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-48-4	Cobalt	11.3			6.3	5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7440-50-8	Copper	97.8	*D		6.3	2.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7439-89-6	Iron	23700	*D		25.3	10	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7439-92-1	Lead	188	*D		2.5	1	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7439-95-4	Magnesium	6040			632	500	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7439-96-5	Manganese	251	*		1.9	1.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	2	7440-02-0	Nickel	23.1	*D		10.1	4	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-09-7	Potassium	904			632	500	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7782-49-2	Selenium	4.4	U	U	4.4	3.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-22-4	Silver	1.3	U	U	1.3	1	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-23-5	Sodium	95.1	J	J	632	500	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-28-0	Thallium	0.70	J	J	3.2	2.5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-62-2	Vanadium	15.6			6.3	5	mg/kg	0269-SED04-6-12
MBC786	Sediment	11/11/2015	1	7440-66-6	Zinc	854			7.6	6	mg/kg	0269-SED04-6-12
MBC787	Sediment	11/11/2015	1	7429-90-5	Aluminum	15600			28.7	20	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7440-36-0	Antimony	17.2	U*D	U	17.2	6	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-38-2	Arsenic	11.8			1.4	1	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-39-3	Barium	70.5			28.7	20	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.61	J	J	0.72	0.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.42	J*D	J	1.4	0.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-70-2	Calcium	2650			717	500	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-47-3	Chromium	120			1.4	1	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-48-4	Cobalt	10.7			7.2	5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7440-50-8	Copper	57.5	*D		7.2	2.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7439-89-6	Iron	22400	*D		28.7	10	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7439-92-1	Lead	150	*D		2.9	1	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7439-95-4	Magnesium	5740			717	500	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7439-96-5	Manganese	291	*		2.1	1.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	2	7440-02-0	Nickel	22.1	*D		11.5	4	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-09-7	Potassium	1420			717	500	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7782-49-2	Selenium	5.0	U	U	5.0	3.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-22-4	Silver	1.4	U	U	1.4	1	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-23-5	Sodium	121	J	J	717	500	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-28-0	Thallium	3.6	U	U	3.6	2.5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-62-2	Vanadium	19.0			7.2	5	mg/kg	0269-SED05-0-6
MBC787	Sediment	11/11/2015	1	7440-66-6	Zinc	104			8.6	6	mg/kg	0269-SED05-0-6
MBC788	Sediment	11/11/2015	1	7429-90-5	Aluminum	9530			22.0	20	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7440-36-0	Antimony	13.2	U*D	U	13.2	6	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-38-2	Arsenic	2.0			1.1	1	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-39-3	Barium	25.5			22.0	20	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.31	J	J	0.55	0.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.11	J*D	J	1.1	0.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-70-2	Calcium	1150			550	500	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-47-3	Chromium	10.9			1.1	1	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-48-4	Cobalt	6.9			5.5	5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7440-50-8	Copper	7.9	*D		5.5	2.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7439-89-6	Iron	18300	*D		22.0	10	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7439-92-1	Lead	5.8	*D		2.2	1	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7439-95-4	Magnesium	4680			550	500	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7439-96-5	Manganese	182	*		1.7	1.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	2	7440-02-0	Nickel	15.3	*D		8.8	4	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-09-7	Potassium	806			550	500	mg/kg	0269-SED05-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC788	Sediment	11/11/2015	1	7782-49-2	Selenium	3.9	U	U	3.9	3.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-22-4	Silver	1.1	U	U	1.1	1	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-23-5	Sodium	56.8	J	J	550	500	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-28-0	Thallium	2.8	U	U	2.8	2.5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-62-2	Vanadium	10.4			5.5	5	mg/kg	0269-SED05-12-24
MBC788	Sediment	11/11/2015	1	7440-66-6	Zinc	45.9			6.6	6	mg/kg	0269-SED05-12-24
MBC789	Sediment	11/11/2015	1	7429-90-5	Aluminum	13000			26.7	20	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7440-36-0	Antimony	16.0	U*D	U	16.0	6	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-38-2	Arsenic	3.8			1.3	1	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-39-3	Barium	49.4			26.7	20	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.50	J	J	0.67	0.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7440-43-9	Cadmium	0.15	J*D	J	1.3	0.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-70-2	Calcium	1860			667	500	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-47-3	Chromium	17.5			1.3	1	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-48-4	Cobalt	8.9			6.7	5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7440-50-8	Copper	16.4	*D		6.7	2.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7439-89-6	Iron	22000	*D		26.7	10	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7439-92-1	Lead	51.4	*D		2.7	1	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7439-95-4	Magnesium	5120			667	500	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7439-96-5	Manganese	248	*		2.0	1.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	2	7440-02-0	Nickel	19.8	*D		10.7	4	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-09-7	Potassium	1150			667	500	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7782-49-2	Selenium	4.7	U	U	4.7	3.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-22-4	Silver	1.3	U	U	1.3	1	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-23-5	Sodium	88.5	J	J	667	500	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-28-0	Thallium	3.3	U	U	3.3	2.5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-62-2	Vanadium	15.3			6.7	5	mg/kg	0269-SED05-6-12
MBC789	Sediment	11/11/2015	1	7440-66-6	Zinc	63.4			8.0	6	mg/kg	0269-SED05-6-12
MBC790	Sediment	11/12/2015	1	7429-90-5	Aluminum	9860			26.2	20	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7440-36-0	Antimony	2.7	J*D	J	15.7	6	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-38-2	Arsenic	8.4			1.3	1	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-39-3	Barium	29.6			26.2	20	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.35	J	J	0.66	0.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7440-43-9	Cadmium	4.0	*D		1.3	0.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-70-2	Calcium	1860			656	500	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-47-3	Chromium	117			1.3	1	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-48-4	Cobalt	8.3			6.6	5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7440-50-8	Copper	55.9	*D		6.6	2.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7439-89-6	Iron	20300	*D		26.2	10	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7439-92-1	Lead	72.4	*D		2.6	1	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7439-95-4	Magnesium	5430			656	500	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7439-96-5	Manganese	216	*		2.0	1.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	2	7440-02-0	Nickel	18.3	*D		10.5	4	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-09-7	Potassium	914			656	500	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7782-49-2	Selenium	4.6	U	U	4.6	3.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-22-4	Silver	1.3	U	U	1.3	1	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-23-5	Sodium	64.7	J	J	656	500	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-28-0	Thallium	3.3	U	U	3.3	2.5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-62-2	Vanadium	11.5			6.6	5	mg/kg	0269-SED06-0-6
MBC790	Sediment	11/12/2015	1	7440-66-6	Zinc	424			7.9	6	mg/kg	0269-SED06-0-6
MBC791	Sediment	11/12/2015	1	7429-90-5	Aluminum	12600			19.7	20	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7440-36-0	Antimony	29.6	U*D	U	29.6	6	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-38-2	Arsenic	1.7			0.99	1	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-39-3	Barium	27.5			19.7	20	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.40	J	J	0.49	0.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7440-43-9	Cadmium	0.20	J*D	J	2.5	0.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-70-2	Calcium	1120			493	500	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-47-3	Chromium	16.9			0.99	1	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-48-4	Cobalt	10.8			4.9	5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7440-50-8	Copper	13.1	*D		12.3	2.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7439-89-6	Iron	28400	*D		49.3	10	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7439-92-1	Lead	11.4	*D		4.9	1	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7439-95-4	Magnesium	5360			493	500	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7439-96-5	Manganese	291	*		1.5	1.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	5	7440-02-0	Nickel	21.3	*D		19.7	4	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-09-7	Potassium	715			493	500	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7782-49-2	Selenium	3.4	U	U	3.4	3.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-22-4	Silver	0.99	U	U	0.99	1	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-23-5	Sodium	45.4	J	J	493	500	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-28-0	Thallium	0.41	J	J	2.5	2.5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-62-2	Vanadium	10.9			4.9	5	mg/kg	0269-SED06-12-24
MBC791	Sediment	11/12/2015	1	7440-66-6	Zinc	76.7			5.9	6	mg/kg	0269-SED06-12-24
MBC792	Sediment	11/12/2015	1	7429-90-5	Aluminum	11100			18.6	20	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	2	7440-36-0	Antimony	11.2	U*D	U	11.2	6	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.2			0.93	1	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-39-3	Barium	33.4			18.6	20	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.39	J	J	0.47	0.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	2	7440-43-9	Cadmium	0.76	J*D	J	0.93	0.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-70-2	Calcium	1380			466	500	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-47-3	Chromium	54.3			0.93	1	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-48-4	Cobalt	7.8			4.7	5	mg/kg	0269-SED06-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC792	Sediment	11/12/2015	2	7440-50-8	Copper	20.8	*D		4.7	2.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	2	7439-89-6	Iron	22000	*D		18.6	10	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	2	7439-92-1	Lead	53.1	*D		1.9	1	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7439-95-4	Magnesium	5320			466	500	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7439-96-5	Manganese	215	*		1.4	1.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	2	7440-02-0	Nickel	18.4	*D		7.4	4	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-09-7	Potassium	811			466	500	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7782-49-2	Selenium	3.3	U	U	3.3	3.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-22-4	Silver	0.93	U	U	0.93	1	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-23-5	Sodium	59.4	J	J	466	500	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-28-0	Thallium	2.3	U	U	2.3	2.5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.0			4.7	5	mg/kg	0269-SED06-6-12
MBC792	Sediment	11/12/2015	1	7440-66-6	Zinc	135			5.6	6	mg/kg	0269-SED06-6-12
MBC793	Sediment	11/12/2015	1	7429-90-5	Aluminum	8950			26.2	20	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-36-0	Antimony	0.89	J*	J	7.9	6	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.7			1.3	1	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-39-3	Barium	44.2			26.2	20	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.42	J	J	0.66	0.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-43-9	Cadmium	1.4	*		0.66	0.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-70-2	Calcium	2470			656	500	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-47-3	Chromium	57.5			1.3	1	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-48-4	Cobalt	8.0			6.6	5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-50-8	Copper	69.6	*		3.3	2.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7439-89-6	Iron	17000	*		13.1	10	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7439-92-1	Lead	106	*		1.3	1	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7439-95-4	Magnesium	4160			656	500	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7439-96-5	Manganese	268	*		2.0	1.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-02-0	Nickel	15.8	*		5.2	4	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-09-7	Potassium	842			656	500	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7782-49-2	Selenium	4.6	U	U	4.6	3.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-22-4	Silver	1.3	U	U	1.3	1	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-23-5	Sodium	107	J	J	656	500	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-28-0	Thallium	3.3	U	U	3.3	2.5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.2			6.6	5	mg/kg	0269-SED07-0-6
MBC793	Sediment	11/12/2015	1	7440-66-6	Zinc	189			7.9	6	mg/kg	0269-SED07-0-6
MBC7H7	Sediment	11/11/2015	1	7429-90-5	Aluminum	13700		J	35.4	20	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-36-0	Antimony	10.6	U*	UJ	10.6	6	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-38-2	Arsenic	4.8		J	1.8	1	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-39-3	Barium	47.5		J	35.4	20	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-41-7	Beryllium	0.60	J	J	0.88	0.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-43-9	Cadmium	0.18	J*	J	0.88	0.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-70-2	Calcium	2810		J	884	500	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-47-3	Chromium	19.8		J	1.8	1	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-48-4	Cobalt	11.1		J	8.8	5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-50-8	Copper	19.2	*	J	4.4	2.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7439-89-6	Iron	26000	*	J	17.7	10	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7439-92-1	Lead	13.4	*	J	1.8	1	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7439-95-4	Magnesium	5980		J	884	500	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7439-96-5	Manganese	385	*	J	2.7	1.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-02-0	Nickel	25.0	*	J	7.1	4	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-09-7	Potassium	1280		J	884	500	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7782-49-2	Selenium	6.2	U	UJ	6.2	3.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-22-4	Silver	1.8	U	UJ	1.8	1	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-23-5	Sodium	155	J	J	884	500	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-28-0	Thallium	4.4	U	UJ	4.4	2.5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-62-2	Vanadium	21.0		J	8.8	5	mg/kg	0269-SED22-0-6
MBC7H7	Sediment	11/11/2015	1	7440-66-6	Zinc	74.0		J	10.6	6	mg/kg	0269-SED22-0-6
LCS			1	7429-90-5	Aluminum	37.7			20.0	20	mg/kg	
LCS			1	7440-36-0	Antimony	11.3			6.0	6	mg/kg	
LCS			1	7440-38-2	Arsenic	1.9			1.0	1	mg/kg	
LCS			1	7440-39-3	Barium	39.1			20.0	20	mg/kg	
LCS			1	7440-41-7	Beryllium	0.97			0.50	0.5	mg/kg	
LCS			1	7440-43-9	Cadmium	0.92			0.50	0.5	mg/kg	
LCS			1	7440-70-2	Calcium	1030			500	500	mg/kg	
LCS			1	7440-47-3	Chromium	1.9			1.0	1	mg/kg	
LCS			1	7440-48-4	Cobalt	9.3			5.0	5	mg/kg	
LCS			1	7440-50-8	Copper	4.8			2.5	2.5	mg/kg	
LCS			1	7439-89-6	Iron	20.6			10.0	10	mg/kg	
LCS			1	7439-92-1	Lead	1.8			1.0	1	mg/kg	
LCS			1	7439-95-4	Magnesium	1010			500	500	mg/kg	
LCS			1	7439-96-5	Manganese	3.0			1.5	1.5	mg/kg	
LCS			1	7440-02-0	Nickel	7.4			4.0	4	mg/kg	
LCS			1	7440-09-7	Potassium	975			500	500	mg/kg	
LCS			1	7782-49-2	Selenium	6.6			3.5	3.5	mg/kg	
LCS			1	7440-22-4	Silver	1.9			1.0	1	mg/kg	
LCS			1	7440-23-5	Sodium	1050			500	500	mg/kg	
LCS			1	7440-28-0	Thallium	4.5			2.5	2.5	mg/kg	
LCS			1	7440-62-2	Vanadium	9.4			5.0	5	mg/kg	
LCS			1	7440-66-6	Zinc	11.3			6.0	6	mg/kg	
MBC775S	Sediment	11/11/2015	2	7440-36-0	Antimony	7.5	J*D	J	14.2	6	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-38-2	Arsenic	13.2			1.2	1	mg/kg	0269-SED01-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	REPORTING_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC775S	Sediment	11/11/2015	1	7440-39-3	Barium	468			23.6	20	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-41-7	Beryllium	11.8			0.59	0.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	2	7440-43-9	Cadmium	11.2	D		1.2	0.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-47-3	Chromium	67.8			1.2	1	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-48-4	Cobalt	110			5.9	5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	2	7440-50-8	Copper	77.6	D		5.9	2.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	2	7439-92-1	Lead	23.8	D		2.4	1	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7439-96-5	Manganese	365	*		1.8	1.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	2	7440-02-0	Nickel	125	D		9.4	4	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7782-49-2	Selenium	20.6			4.1	3.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-22-4	Silver	10.8			1.2	1	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-28-0	Thallium	10.2			2.9	2.5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-62-2	Vanadium	121			5.9	5	mg/kg	0269-SED01-0-6
MBC775S	Sediment	11/11/2015	1	7440-66-6	Zinc	202			7.1	6	mg/kg	0269-SED01-0-6
PBS			1	7429-90-5	Aluminum	20.0	U	U	20.0	20	mg/kg	
PBS			1	7440-36-0	Antimony	6.0	U	U	6.0	6	mg/kg	
PBS			1	7440-38-2	Arsenic	1.0	U	U	1.0	1	mg/kg	
PBS			1	7440-39-3	Barium	20.0	U	U	20.0	20	mg/kg	
PBS			1	7440-41-7	Beryllium	0.50	U	U	0.50	0.5	mg/kg	
PBS			1	7440-43-9	Cadmium	0.50	U	U	0.50	0.5	mg/kg	
PBS			1	7440-70-2	Calcium	8.2	J	J	500	500	mg/kg	
PBS			1	7440-47-3	Chromium	1.0	U	U	1.0	1	mg/kg	
PBS			1	7440-48-4	Cobalt	5.0	U	U	5.0	5	mg/kg	
PBS			1	7440-50-8	Copper	2.5	U	U	2.5	2.5	mg/kg	
PBS			1	7439-89-6	Iron	10.0	U	U	10.0	10	mg/kg	
PBS			1	7439-92-1	Lead	1.0	U	U	1.0	1	mg/kg	
PBS			1	7439-95-4	Magnesium	500	U	U	500	500	mg/kg	
PBS			1	7439-96-5	Manganese	1.5	U	U	1.5	1.5	mg/kg	
PBS			1	7440-02-0	Nickel	4.0	U	U	4.0	4	mg/kg	
PBS			1	7440-09-7	Potassium	500	U	U	500	500	mg/kg	
PBS			1	7782-49-2	Selenium	3.5	U	U	3.5	3.5	mg/kg	
PBS			1	7440-22-4	Silver	1.0	U	U	1.0	1	mg/kg	
PBS			1	7440-23-5	Sodium	500	U	U	500	500	mg/kg	
PBS			1	7440-28-0	Thallium	2.5	U	U	2.5	2.5	mg/kg	
PBS			1	7440-62-2	Vanadium	5.0	U	U	5.0	5	mg/kg	
PBS			1	7440-66-6	Zinc	6.0	U	U	6.0	6	mg/kg	
MBC775A	Sediment	11/11/2015	2	7440-36-0	Antimony	137	D		120	60	ug/L	0269-SED01-0-6
MBC775A	Sediment	11/11/2015	1	7439-96-5	Manganese	2580			15.0	15	ug/L	0269-SED01-0-6
MBC775D	Sediment	11/11/2015	1	7439-97-6	Mercury	0.70			0.15	0.1	mg/kg	0269-SED01-0-6
MBC775	Sediment	11/11/2015	1	7439-97-6	Mercury	0.57	*	J-	0.15	0.1	mg/kg	0269-SED01-0-6
MBC776	Sediment	11/11/2015	1	7439-97-6	Mercury	0.15	J*	U	0.15	0.1	mg/kg	0269-SED01-12-24
MBC777	Sediment	11/11/2015	1	7439-97-6	Mercury	0.20	*		0.16	0.1	mg/kg	0269-SED01-6-12
MBC778	Sediment	11/11/2015	1	7439-97-6	Mercury	0.23	J*	UJ	0.23	0.1	mg/kg	0269-SED02-0-6
MBC779	Sediment	11/11/2015	1	7439-97-6	Mercury	0.19	J*	U	0.19	0.1	mg/kg	0269-SED02-12-24
MBC780	Sediment	11/11/2015	1	7439-97-6	Mercury	0.21	J*	U	0.21	0.1	mg/kg	0269-SED02-6-12
MBC781	Sediment	11/11/2015	1	7439-97-6	Mercury	0.23	J*	UJ	0.23	0.1	mg/kg	0269-SED03-0-6
MBC782	Sediment	11/11/2015	1	7439-97-6	Mercury	0.23	J*	UJ	0.23	0.1	mg/kg	0269-SED03-12-24
MBC783	Sediment	11/11/2015	1	7439-97-6	Mercury	0.23	J*	U	0.23	0.1	mg/kg	0269-SED03-6-12
MBC784	Sediment	11/11/2015	1	7439-97-6	Mercury	0.85	*	J	0.32	0.1	mg/kg	0269-SED04-0-6
MBC785	Sediment	11/11/2015	1	7439-97-6	Mercury	0.28	*		0.16	0.1	mg/kg	0269-SED04-12-24
MBC786	Sediment	11/11/2015	10	7439-97-6	Mercury	16.7	D*		1.8	0.1	mg/kg	0269-SED04-6-12
MBC787	Sediment	11/11/2015	1	7439-97-6	Mercury	1.8	*		0.23	0.1	mg/kg	0269-SED05-0-6
MBC788	Sediment	11/11/2015	1	7439-97-6	Mercury	0.15	J*	U	0.15	0.1	mg/kg	0269-SED05-12-24
MBC789	Sediment	11/11/2015	1	7439-97-6	Mercury	0.20	J*	U	0.20	0.1	mg/kg	0269-SED05-6-12
MBC790	Sediment	11/12/2015	5	7439-97-6	Mercury	3.5	D*		0.76	0.1	mg/kg	0269-SED06-0-6
MBC791	Sediment	11/12/2015	1	7439-97-6	Mercury	0.13	J*	U	0.13	0.1	mg/kg	0269-SED06-12-24
MBC792	Sediment	11/12/2015	1	7439-97-6	Mercury	0.39	*		0.16	0.1	mg/kg	0269-SED06-6-12
MBC793	Sediment	11/12/2015	1	7439-97-6	Mercury	1.1	*		0.21	0.1	mg/kg	0269-SED07-0-6
MBC7H7	Sediment	11/11/2015	1	7439-97-6	Mercury	0.20	J*	UJ	0.20	0.1	mg/kg	0269-SED22-0-6
MBC775S	Sediment	11/11/2015	1	7439-97-6	Mercury	0.91	*		0.15	0.1	mg/kg	0269-SED01-0-6
PBS001			1	7439-97-6	Mercury	0.12	U	U	0.12	0.1	mg/kg	
PBS002			1	7439-97-6	Mercury	0.12	U	U	0.12	0.1	mg/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC775_S3VEM.xls).

REFERENCE 49

PROJECT NOTE	WESTON SOLUTIONS, INC.
To: Wappinger Creek File	**Date:** December 10, 2015
TDD No.: 0004/1508-06	
From: Scott Snyder, Weston Solutions, Inc.	
Subject: Grain Size Distribution Data	

References

U.S. Department of Agriculture, Soil Conservation Service. Soil Mechanics Level I, Module 3 – USDA Textural Soil Classification Study Guide (excerpts). Revised February 1987.

The sediment samples collected by EPA in November 2015 were analyzed for grain size distribution by Eurofins Lancaster Laboratories of Lancaster Pennsylvania using ASTM D422-63 Method. The data are presented in Reference Nos. 38, 39, 40, and 41 of this HRS Documentation Record Package. The data are presented as percent (%) passing, with sieve sizes ranging from 75 millimeters (mm) to 0.001 mm.

According to the U.S. Department of Agriculture (USDA) Textural Soil Classification, clay, silt, and sand can be divided according to the following broad particle diameter ranges:

Clay: less than 0.002 mm
Silt: 0.002–0.05 mm
Sand: 0.05–2.0 mm
Gravel: 2.0–75 mm

Based on the USDA classifications, a summary of the % total fines (clay and silt) and % total coarse (sand and gravel) content of the EPA November 2015 sediment samples is presented below:

Sample No.	% Total Fines	% Coarse	Reference
0269-SED01-0-6	69	27	38, p. 5.
0269-SED01-6-12	27.5	70.5	38, p. 7.
0269-SED01-12-24	53.5	43	38, p. 6.
0269-SED02-0-6	79	11	38, p. 8.
0269-SED02-6-12	86.5	11	38, p. 10.
0269-SED02-12-24	84.5	15	38, p. 9.
0269-SED03-0-6	87	8	38, p. 11.
0269-SED03-6-12	81	13	38, p. 13.
0269-SED03-12-24	86	12	38, p. 12.
0269-SED04-0-6	42	55	38, p. 14.
0269-SED04-6-12	37	61.2	38, p. 16.
0269-SED04-12-24	32	63.5	38, p. 15.
0269-SED05-0-6	47.5	49	38, p. 17
0269-SED05-6-12	35	61	38, p. 19
0269-SED05-12-24	15.5	84	38, p. 18
0269-SED06-0-6	10.5	88.5	38, p. 20.
0269-SED06-6-12	11.5	88	38, p. 21
0269-SED06-12-24	Sample jar broken during shipment		

Sample No.	% Total Fines	% Coarse	Reference
0269-SED07-0-6	27	72.5	40, p. 3.
0269-SED07-6-12	10.5	88.5	40, p. 8.
0269-SED07-12-24	11	88.5	40, p. 4.
0269-SED08-0-6	52.5	45	40, p. 13.
0269-SED08-6-12	67	30.5	40, p. 15.
0269-SED08-12-24	76.5	19	40, p. 14.
0269-SED09-0-6	64	35.5	40, p. 16.
0269-SED09-6-12	54	35	40, p. 18.
0269-SED09-12-24	64	32	40, p. 17.
0269-SED10-0-6	73	23	40, p. 19.
0269-SED10-6-12	67	26	40, p. 21
0269-SED10-12-24	70	26	40, p. 20.
0269-SED11-0-6	6.5	93	40, p. 22.
0269-SED11-6-12	1.5	98	40, p. 35
0269-SED11-12-24	5.5	94	40, p. 23.
0269-SED12-0-6	3	96.5	39, p. 3.
0269-SED12-6-12	6	93.5	39, p. 8.
0269-SED12-12-24	1	97	39, p. 4.
0269-SED13-0-6	0.5	98	39, p. 9.
0269-SED13-6-12	1.5	97.5	39, p. 14.
0269-SED13-12-24	22	77	39, p. 10.
0269-SED14-0-6	7.5	92	39, p. 15.
0269-SED14-6-12	5	94	39, p. 16.
0269-SED14-12-24	Sample Not Collected		
0269-SED15-0-6	64.5	31.5	41, p. 3.
0269-SED15-6-12	85	10	41, p. 5.
0269-SED15-12-24	79.5	13	41, p. 4.
0269-SED16-0-6	59	40	41, p. 6.
0269-SED16-6-12	61	38	41, p. 8.
0269-SED16-12-24	71.5	25.5	41, p. 7.
0269-SED17-0-6	62.5	35	41, p. 9.
0269-SED17-6-12	67.5	32	41, p. 11.
0269-SED17-12-24	64	34	41, p. 10.
0269-SED18-0-6	1	98	41, p. 12.
0269-SED18-6-12	9	90	41, p. 14.
0269-SED18-12-24	0.5	98.5	41, p. 13
0269-SED19-0-6	3	96.5	39, p. 20.
0269-SED19-6-12	2.5	97	39, p. 22.
0269-SED19-12-24	9	90.5	39, p. 21.
0269-SED20-0-6	29	70	41, p. 15.
0269-SED20-6-12	5.5	94	41, p. 16.
0269-SED20-12-24	Sample jar broken during shipment		
0269-SED21-0-6	7.5	90	41, p. 17.
0269-SED21-6-12	0.5	99	41, p. 19.
0269-SED21-12-24	6.5	92	41, p. 18.

Sample No.	% Total Fines	% Coarse	Reference
0269-SED22-0-6	79.5	13	38, p. 27

Scott Snyder
Principal Scientist

United States
Department of
Agriculture

Soil
Conservation
Service

Soil Mechanics Level I

Module 3 - USDA Textural Soil Classification

Study Guide

SOIL MECHANICS LEVEL I

MODULE 3

USDA TEXTURAL CLASSIFICATION

STUDY GUIDE

National Employee Development Staff
Soil Conservation Service
United States Department of Agriculture
Revised February 1987

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ACTIVITY 2 - Size Criteria for Soil Separates in the USDA Textural Classification System

Soil separates are the individual size-groups of mineral particles. The scheme used in the U.S. Department of Agriculture is shown below. Mechanical analyses of soils in soil survey laboratories of the U.S. Department of Agriculture are reported using this system.

Size Limits of USDA Soil Separates

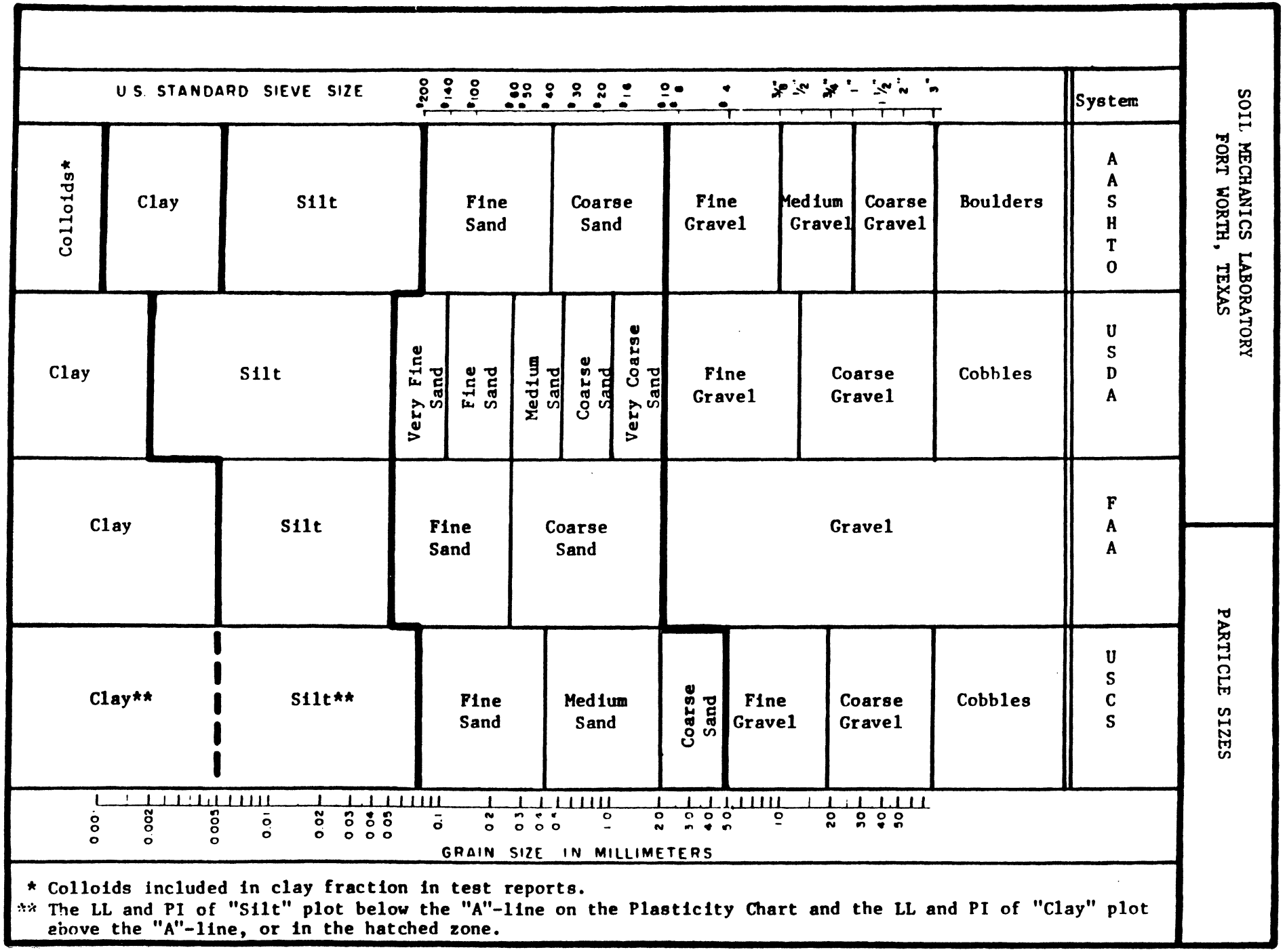
Name of separate	Diameter range (millimeters)
Sand	2.0-0.05
Silt	0.05-0.002
Clay	less than 0.002

The sand separate is subdivided into very coarse sand, coarse sand, medium sand, fine sand, and very fine sand. The size ranges for these subdivisions are given below:

Subdivisions	Diameter range (millimeters)
Very coarse sand	2.0-1.0
Coarse sand	1.0-0.5
Medium sand	0.5-0.25
Fine sand	0.25-0.10
Very fine sand	0.10-0.05

Relative sizes of sand, silt, and clay are shown in figure 1 on the next page.

Table 1 - Comparison of Particle Sizes



* Colloids included in clay fraction in test reports.

** The LL and PI of "Silt" plot below the "A"-line on the Plasticity Chart and the LL and PI of "Clay" plot above the "A"-line, or in the hatched zone.

REFERENCE 50

EXECUTIVE NARRATIVE

Case No.: 45717
Site: Wappinger Creek
Number of Samples: 19 Soil, 1 Water
Analysis: Metals and Hg

SDG No.: MBC763
Laboratory: Shealy Environmental Services
Sampling Dates: 11/12/2015
Validation SOP: HW-3a and -3c (Rev 0)

QAPP
Contractor: Weston Solutions
Contractor Document #: DCN: W0269_1E_00632

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None

Major Findings:
Samples MBC796, MBC797, MBC798, MBC799, MBC7A0, MBC7A1, MBC7A2, MBC7A3 and MBC7A4 have analytes that have been qualified J, J+ or J-.

Minor Findings:
None

COMMENT:	The site-specific QAPP did not specify the project action levels for this site. The Form I of Hg for sample MBC7A3 was not included in the hard copy, but was included in the EDD.

Reviewer Name(s): Jianwei Huang

Approver's Signature: **Date: 12/11/2015**

Name: **Narendra Kumar**

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: METALS ICP-AES

The current SOP HW-3a (Revision 0) July 2015, USEPA Region II for the evaluation of ICP-AES metals generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time or pH (aqueous samples are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (180 days) or pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be used to establish each analytical curve. At least one of these standards shall be at or below the CRQL. The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The curve must have a correlation coefficient ≥ 0.995. The percent differences calculated for all of the non-zero standards must be within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s).
The CCV standard shall be analyzed at a frequency of every two hours during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 90 – 110%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Calibration blanks (ICB and CCB) are used to ensure a stable instrument baseline before and during the analysis of analytical samples. The preparation blank is used to assess the level of contamination introduced to the analytical samples throughout the sample preparation process. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Potassium MBC796, MBC798, MBC7A0, MBC7A2

The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Potassium MBC796, MBC798, MBC7A0, MBC7A2

4. **INTERFERENCE CHECK SAMPLE**

The Interference Check Sample (ICS) verifies the analytical instrument's ability to overcome interferences typical of those found in samples. The laboratory should have analyzed and reported ICS results for all elements being reported from the analytical run and for all interferents (target and non-target) for these reported elements. The ICS consists of two solutions: Solution A and Solution AB. Solution A consists of the interferents, and Solution AB consists of the analytes mixed with the interferents. Results for the analysis of ICS Solution must fall within the control limits of ± 20% or ±CRQL (whichever is greater) of the true value for the analytes and interferents included in the solution. If results that are ≥ MDL are observed for analytes that are not present in the ICS solution, the possibility of false positives exists. If negative results are observed for analytes that are not present in the ICS solution, and their absolute value is ≥ MDL, the possibility of false negatives in the samples exists. In general, ICP sample data can be accepted if the concentrations of Al, Ca, Fe, and Mg in the sample are found to be less than or equal to their respective concentrations in the ICS. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following Matrix Spike sample has percent recoveries less than 30% and post-digestion spike sample has percent recoveries greater than or equal to 75%. Detected analytes are qualified J. Non-detected analytes are qualified UJ.

Antimony MBBC798

The following Matrix Spike samples have percent recoveries greater than 125% and post-digestion spike sample has percent recoveries less than or equal to 125%. Detected analytes are qualified J. Non-detected analytes are not qualified.

Arsenic, Copper, Manganese, and Zinc MBBC798

6. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

The following samples are associated with a Duplicate sample that has analyte results greater than or equal to 5xCRQL in both Duplicate and original samples and RPD is greater than 35%. Detects are qualified as J. Non-detects are qualified as UJ.

Aluminum, Arsenic, Calcium, Chromium, Copper, Iron, Lead, Magnesium Manganese and Zinc MBC765

7. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

8. LABORATORY CONTROL SAMPLE

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous/water, soil/sediment, wipe, and filter LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and Quality Assurance/Quality Control (QA/QC) procedures as employed for the samples. All LCS Percent Recoveries (%R) must fall within the control limits of 70-130%, except for Sb and Ag which must fall within the control limits of 50-150%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

9. ICP SERIAL DILUTION

The serial dilution of samples quantitated by Inductively Coupled Plasma determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high [concentration in the original sample is > 50 times (50x) the Method Detection Limit (MDL)], the Percent Difference (%D) between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 15. For a serial dilution

analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the serial dilution sample.

No problems were found for this criterion.

10. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

The following sediment samples have percent solids less than 50%. Affected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

MBC796, MBC797, MBC798, MBC799, MBC7A0, MBC7A1, MBC7A2, MBC7A3, MBC7A4

ANALYSIS: MERCURY

The current SOP HW-3c (Revision 0) July 2015, USEPA Region II for the evaluation of Mercury generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time, pH (aqueous samples), or cooler temperature are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (28 days) and pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects (sample quantitation limits) will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for mercury. Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be employed to establish the analytical curve. At least one of the calibration standards shall be at or below the Contract Required Quantitation Limit (CRQL). The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The calibration curves for mercury shall possess a correlation coefficient of ≥ 0.995 to ensure the linearity over the calibrated range. The percent differences calculated for all of the non-zero standards must fall within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. All sample results shall be

reported from an analysis within the calibrated range. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for mercury by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every hour during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 85 – 115%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Mercury MBC7A6, MBC7A5, MBC794, MBC7H9, MBC7A9, MBC797, MBC7A8, MBC7A7

The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Mercury MBC7A6, MBC7A5, MBC794, MBC7H9, MBC7A9, MBC797, MBC7A8, MBC7A7

4. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

No problems were found for this criterion.

5. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate

value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

The following samples are associated with a Duplicate sample that has analyte results greater than or equal to 5xCRQL in both Duplicate and original samples and RPD is greater than 35. Detects are qualified as J. Non-detects are qualified as UJ.

Mercury MBC798

6. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

7. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. Qualifications were applied to the samples and analytes as shown below.

The following sediment samples have percent solids less than 50%. Affected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

MBC796, MBC797, MBC798, MBC799, MBC7A0, MBC7A1, MBC7A2, MBC7A3, MBC7A4

8. Other Problems

No problems were found for this criterion.
The Form I of Hg for sample MBC7A3 was not missing from the hard copy, but was available in the EDD.

Sample Summary Report

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number: LCS001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	386		ug/L	386		1	Yes	S3VEM
Antimony	Target	120		ug/L	120		1	Yes	S3VEM
Arsenic	Target	21.3		ug/L	21.3		1	Yes	S3VEM
Barium	Target	389		ug/L	389		1	Yes	S3VEM
Beryllium	Target	10.0		ug/L	10.0		1	Yes	S3VEM
Cadmium	Target	9.2		ug/L	9.2		1	Yes	S3VEM
Calcium	Target	10300		ug/L	10300		1	Yes	S3VEM
Chromium	Target	20.2		ug/L	20.2		1	Yes	S3VEM
Cobalt	Target	94.7		ug/L	94.7		1	Yes	S3VEM
Copper	Target	47.4		ug/L	47.4		1	Yes	S3VEM
Iron	Target	220		ug/L	220		1	Yes	S3VEM
Lead	Target	17.3		ug/L	17.3		1	Yes	S3VEM
Magnesium	Target	10500		ug/L	10500		1	Yes	S3VEM
Manganese	Target	30.9		ug/L	30.9		1	Yes	S3VEM
Nickel	Target	75.3		ug/L	75.3		1	Yes	S3VEM
Potassium	Target	10200		ug/L	10200		1	Yes	S3VEM
Selenium	Target	71.3		ug/L	71.3		1	Yes	S3VEM
Silver	Target	20.4		ug/L	20.4		1	Yes	S3VEM
Sodium	Target	10700		ug/L	10700		1	Yes	S3VEM
Thallium	Target	49.6		ug/L	49.6		1	Yes	S3VEM
Vanadium	Target	97.7		ug/L	97.7		1	Yes	S3VEM
Zinc	Target	118		ug/L	118		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: LCS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	41.7		mg/kg	41.7		1	Yes	S3VEM
Antimony	Target	11.3		mg/kg	11.3		1	Yes	S3VEM
Arsenic	Target	1.8		mg/kg	1.8		1	Yes	S3VEM
Barium	Target	38.6		mg/kg	38.6		1	Yes	S3VEM
Beryllium	Target	1.0		mg/kg	1.0		1	Yes	S3VEM
Cadmium	Target	0.89		mg/kg	0.89		1	Yes	S3VEM
Calcium	Target	1030		mg/kg	1030		1	Yes	S3VEM
Chromium	Target	2.0		mg/kg	2.0		1	Yes	S3VEM
Cobalt	Target	9.3		mg/kg	9.3		1	Yes	S3VEM
Copper	Target	4.8		mg/kg	4.8		1	Yes	S3VEM
Iron	Target	20.6		mg/kg	20.6		1	Yes	S3VEM
Lead	Target	1.7		mg/kg	1.7		1	Yes	S3VEM
Magnesium	Target	1030		mg/kg	1030		1	Yes	S3VEM
Manganese	Target	3.0		mg/kg	3.0		1	Yes	S3VEM
Nickel	Target	7.4		mg/kg	7.4		1	Yes	S3VEM
Potassium	Target	1020		mg/kg	1020		1	Yes	S3VEM
Selenium	Target	6.7		mg/kg	6.7		1	Yes	S3VEM
Silver	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Sodium	Target	1060		mg/kg	1060		1	Yes	S3VEM
Thallium	Target	4.6		mg/kg	4.6		1	Yes	S3VEM
Vanadium	Target	9.6		mg/kg	9.6		1	Yes	S3VEM
Zinc	Target	11.4		mg/kg	11.4		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC763	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/12/2015	Sample Time:	08:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.048	J	ug/L	0.048	J*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC763	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/12/2015	Sample Time:	08:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	58.3	J	ug/L	58.3	J	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	1.6	J	ug/L	1.6	J	1	Yes	S3VEM
Nickel	Target	1.2	J	ug/L	1.2	J	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: MBC763D	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/12/2015	Sample Time: 08:00:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	35.6		ug/L	35.6	J	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	1.5		ug/L	1.5	J	1	Yes	S3VEM
Nickel	Target	1.1		ug/L	1.1	J	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC763D	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	08:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.039		ug/L	0.039	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: MBC763L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Antimony	Target	300	U	ug/L	300	U	5	Yes	S3VEM
Arsenic	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Barium	Target	1000	U	ug/L	1000	U	5	Yes	S3VEM
Beryllium	Target	25.0	U	ug/L	25.0	U	5	Yes	S3VEM
Cadmium	Target	25.0	U	ug/L	25.0	U	5	Yes	S3VEM
Calcium	Target	25000	U	ug/L	25000	U	5	Yes	S3VEM
Chromium	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Cobalt	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Copper	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Iron	Target	500	U	ug/L	500	U	5	Yes	S3VEM
Lead	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Magnesium	Target	25000	U	ug/L	25000	U	5	Yes	S3VEM
Manganese	Target	75.0	U	ug/L	75.0	U	5	Yes	S3VEM
Nickel	Target	200	U	ug/L	200	U	5	Yes	S3VEM
Potassium	Target	25000	U	ug/L	25000	U	5	Yes	S3VEM
Selenium	Target	175	U	ug/L	175	U	5	Yes	S3VEM
Silver	Target	50.0	U	ug/L	50.0	U	5	Yes	S3VEM
Sodium	Target	25000	U	ug/L	25000	U	5	Yes	S3VEM
Thallium	Target	125	U	ug/L	125	U	5	Yes	S3VEM
Vanadium	Target	250	U	ug/L	250	U	5	Yes	S3VEM
Zinc	Target	300	U	ug/L	300	U	5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC763S	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	08:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	0.39		ug/L	0.39	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: MBC763S	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/12/2015	Sample Time: 08:00:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Spike	2240		ug/L	2240		1	Yes	S3VEM
Antimony	Spike	101		ug/L	101		1	Yes	S3VEM
Arsenic	Spike	41.1		ug/L	41.1		1	Yes	S3VEM
Barium	Spike	2030		ug/L	2030		1	Yes	S3VEM
Beryllium	Spike	50.9		ug/L	50.9		1	Yes	S3VEM
Cadmium	Spike	48.5		ug/L	48.5		1	Yes	S3VEM
Chromium	Spike	208		ug/L	208		1	Yes	S3VEM
Cobalt	Spike	495		ug/L	495		1	Yes	S3VEM
Copper	Spike	252		ug/L	252		1	Yes	S3VEM
Iron	Spike	1100		ug/L	1100		1	Yes	S3VEM
Lead	Spike	20.6		ug/L	20.6		1	Yes	S3VEM
Manganese	Spike	538		ug/L	538		1	Yes	S3VEM
Nickel	Spike	496		ug/L	496		1	Yes	S3VEM
Selenium	Spike	101		ug/L	101		1	Yes	S3VEM
Silver	Spike	52.9		ug/L	52.9		1	Yes	S3VEM
Thallium	Spike	52.4		ug/L	52.4		1	Yes	S3VEM
Vanadium	Spike	498		ug/L	498		1	Yes	S3VEM
Zinc	Spike	506		ug/L	506		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC794	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:10:00
% Moisture :				% Solids :	68.465		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.29	U	mg/kg	0.040	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC794	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:10:00
% Moisture :				% Solids :	68.465		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11500		mg/kg	11500	*	1	Yes	S3VEM
Antimony	Target	16.2	U	mg/kg	16.2	U*D	2	Yes	S3VEM
Arsenic	Target	2.6		mg/kg	2.6	*	1	Yes	S3VEM
Barium	Target	27.4		mg/kg	27.4	*	1	Yes	S3VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Cadmium	Target	1.3	U	mg/kg	1.3	U*D	2	Yes	S3VEM
Calcium	Target	1400		mg/kg	1400	*	1	Yes	S3VEM
Chromium	Target	14.7		mg/kg	14.7	*	1	Yes	S3VEM
Cobalt	Target	6.4	J	mg/kg	6.4	J	1	Yes	S3VEM
Copper	Target	15.4		mg/kg	15.4	*D	2	Yes	S3VEM
Iron	Target	24300		mg/kg	24300	*D	2	Yes	S3VEM
Lead	Target	8.7		mg/kg	8.7	*D	2	Yes	S3VEM
Magnesium	Target	6140		mg/kg	6140	*	1	Yes	S3VEM
Manganese	Target	193		mg/kg	193	*	1	Yes	S3VEM
Nickel	Target	19.8		mg/kg	19.8	D	2	Yes	S3VEM
Potassium	Target	790		mg/kg	790		1	Yes	S3VEM
Selenium	Target	4.7	U	mg/kg	4.7	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	58.7	J	mg/kg	58.7	J	1	Yes	S3VEM
Thallium	Target	3.4	U	mg/kg	3.4	U	1	Yes	S3VEM
Vanadium	Target	12.5		mg/kg	12.5		1	Yes	S3VEM
Zinc	Target	55.9		mg/kg	55.9	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC795	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	10:55:00
% Moisture :				% Solids :	81.5359		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10100		mg/kg	10100	*	1	Yes	S3VEM
Antimony	Target	10.8	U	mg/kg	10.8	U*D	2	Yes	S3VEM
Arsenic	Target	2.7		mg/kg	2.7	*	1	Yes	S3VEM
Barium	Target	26.5		mg/kg	26.5	*	1	Yes	S3VEM
Beryllium	Target	0.30	J	mg/kg	0.30	J	1	Yes	S3VEM
Cadmium	Target	0.096	J	mg/kg	0.096	J*D	2	Yes	S3VEM
Calcium	Target	914		mg/kg	914	*	1	Yes	S3VEM
Chromium	Target	14.8		mg/kg	14.8	*	1	Yes	S3VEM
Cobalt	Target	7.1		mg/kg	7.1		1	Yes	S3VEM
Copper	Target	12.5		mg/kg	12.5	*D	2	Yes	S3VEM
Iron	Target	21100		mg/kg	21100	*D	2	Yes	S3VEM
Lead	Target	15.4		mg/kg	15.4	*D	2	Yes	S3VEM
Magnesium	Target	5280		mg/kg	5280	*	1	Yes	S3VEM
Manganese	Target	233		mg/kg	233	*	1	Yes	S3VEM
Nickel	Target	16.4		mg/kg	16.4	D	2	Yes	S3VEM
Potassium	Target	635		mg/kg	635		1	Yes	S3VEM
Selenium	Target	3.1	U	mg/kg	3.1	U	1	Yes	S3VEM
Silver	Target	0.90	U	mg/kg	0.90	U	1	Yes	S3VEM
Sodium	Target	45.3	J	mg/kg	45.3	J	1	Yes	S3VEM
Thallium	Target	2.2	U	mg/kg	2.2	U	1	Yes	S3VEM
Vanadium	Target	10.7		mg/kg	10.7		1	Yes	S3VEM
Zinc	Target	61.6		mg/kg	61.6	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC795	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	10:55:00
% Moisture :				% Solids :	81.5359		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.21	U	mg/kg	0.15		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC796	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:30:00
% Moisture :				% Solids :	31.9773		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12700	J	mg/kg	12700	*	1	Yes	S3VEM
Antimony	Target	26.9	J	mg/kg	26.9	*	1	Yes	S3VEM
Arsenic	Target	85.8	J	mg/kg	85.8	*	1	Yes	S3VEM
Barium	Target	66.2	J	mg/kg	66.2	*	1	Yes	S3VEM
Beryllium	Target	0.56	J	mg/kg	0.56	J	1	Yes	S3VEM
Cadmium	Target	17.6	J	mg/kg	17.6	*	1	Yes	S3VEM
Calcium	Target	3360	J	mg/kg	3360	*	1	Yes	S3VEM
Chromium	Target	1590	J	mg/kg	1590	*	1	Yes	S3VEM
Cobalt	Target	9.4	J	mg/kg	9.4	J	1	Yes	S3VEM
Copper	Target	244	J	mg/kg	244	*	1	Yes	S3VEM
Iron	Target	21600	J	mg/kg	21600	*	1	Yes	S3VEM
Lead	Target	323	J	mg/kg	323	*	1	Yes	S3VEM
Magnesium	Target	4990	J	mg/kg	4990	*	1	Yes	S3VEM
Manganese	Target	289	J	mg/kg	289	*	1	Yes	S3VEM
Nickel	Target	18.6	J	mg/kg	18.6		1	Yes	S3VEM
Potassium	Target	1440	UJ	mg/kg	1160	J	1	Yes	S3VEM
Selenium	Target	10.1	UJ	mg/kg	10.1	U	1	Yes	S3VEM
Silver	Target	2.9	UJ	mg/kg	2.9	U	1	Yes	S3VEM
Sodium	Target	153	J	mg/kg	153	J	1	Yes	S3VEM
Thallium	Target	7.2	UJ	mg/kg	7.2	U	1	Yes	S3VEM
Vanadium	Target	15.3	J	mg/kg	15.3		1	Yes	S3VEM
Zinc	Target	1540	J	mg/kg	1540	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC796	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:30:00
% Moisture :				% Solids :	31.9773		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	35.5	J	mg/kg	35.5	*D	20	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC797	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	37.676		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20400	J	mg/kg	20400	*	1	Yes	S3VEM
Antimony	Target	14.1	UJ	mg/kg	14.1	U*	1	Yes	S3VEM
Arsenic	Target	5.4	J	mg/kg	5.4	*	1	Yes	S3VEM
Barium	Target	111	J	mg/kg	111	*	1	Yes	S3VEM
Beryllium	Target	0.80	J	mg/kg	0.80	J	1	Yes	S3VEM
Cadmium	Target	0.17	J	mg/kg	0.17	J*	1	Yes	S3VEM
Calcium	Target	4870	J	mg/kg	4870	*	1	Yes	S3VEM
Chromium	Target	80.6	J	mg/kg	80.6	*	1	Yes	S3VEM
Cobalt	Target	10.3	J	mg/kg	10.3	J	1	Yes	S3VEM
Copper	Target	31.6	J	mg/kg	31.6	*	1	Yes	S3VEM
Iron	Target	24100	J	mg/kg	24100	*	1	Yes	S3VEM
Lead	Target	83.5	J	mg/kg	83.5	*	1	Yes	S3VEM
Magnesium	Target	6360	J	mg/kg	6360	*	1	Yes	S3VEM
Manganese	Target	372	J	mg/kg	372	*	1	Yes	S3VEM
Nickel	Target	23.5	J	mg/kg	23.5		1	Yes	S3VEM
Potassium	Target	1790	J	mg/kg	1790		1	Yes	S3VEM
Selenium	Target	8.2	UJ	mg/kg	8.2	U	1	Yes	S3VEM
Silver	Target	2.4	UJ	mg/kg	2.4	U	1	Yes	S3VEM
Sodium	Target	180	J	mg/kg	180	J	1	Yes	S3VEM
Thallium	Target	5.9	UJ	mg/kg	5.9	U	1	Yes	S3VEM
Vanadium	Target	22.0	J	mg/kg	22.0		1	Yes	S3VEM
Zinc	Target	86.2	J	mg/kg	86.2	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC797	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	37.676		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.52	UJ	mg/kg	0.066	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC798	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11800	J	mg/kg	11800	*	1	Yes	S3VEM
Antimony	Target	14.8	UJ	mg/kg	14.8	U*	1	Yes	S3VEM
Arsenic	Target	19.0	J	mg/kg	19.0	*	1	Yes	S3VEM
Barium	Target	63.0	J	mg/kg	63.0	*	1	Yes	S3VEM
Beryllium	Target	0.46	J	mg/kg	0.46	J	1	Yes	S3VEM
Cadmium	Target	1.8	J	mg/kg	1.8	*	1	Yes	S3VEM
Calcium	Target	2560	J	mg/kg	2560	*	1	Yes	S3VEM
Chromium	Target	612	J	mg/kg	612	*	1	Yes	S3VEM
Cobalt	Target	6.6	J	mg/kg	6.6	J	1	Yes	S3VEM
Copper	Target	59.7	J	mg/kg	59.7	*	1	Yes	S3VEM
Iron	Target	14600	J	mg/kg	14600	*	1	Yes	S3VEM
Lead	Target	134	J	mg/kg	134	*	1	Yes	S3VEM
Magnesium	Target	3720	J	mg/kg	3720	*	1	Yes	S3VEM
Manganese	Target	223	J	mg/kg	223	*	1	Yes	S3VEM
Nickel	Target	14.4	J	mg/kg	14.4		1	Yes	S3VEM
Potassium	Target	1230	UJ	mg/kg	945	J	1	Yes	S3VEM
Selenium	Target	8.6	UJ	mg/kg	8.6	U	1	Yes	S3VEM
Silver	Target	2.5	UJ	mg/kg	2.5	U	1	Yes	S3VEM
Sodium	Target	109	J	mg/kg	109	J	1	Yes	S3VEM
Thallium	Target	6.1	UJ	mg/kg	6.1	U	1	Yes	S3VEM
Vanadium	Target	13.8	J	mg/kg	13.8		1	Yes	S3VEM
Zinc	Target	247	J	mg/kg	247	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC798	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED08	pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	109	J	mg/kg	109	*D	50	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: MBC798A	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date: 11/12/2015	Sample Time: 11:40:00
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	117		ug/L	117		1	Yes	S3VEM
Arsenic	Spike	94.9		ug/L	94.9		1	Yes	S3VEM
Copper	Spike	284		ug/L	284		1	Yes	S3VEM
Manganese	Spike	911		ug/L	911		1	Yes	S3VEM
Zinc	Spike	1090		ug/L	1090		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC798D	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	68.0	J	mg/kg	68.0	D*	50	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC798D	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	21600	J	mg/kg	21600	*	1	Yes	S3VEM
Antimony	Target	14.9	U	mg/kg	14.9	U	1	Yes	S3VEM
Arsenic	Target	43.3	J	mg/kg	43.3	*	1	Yes	S3VEM
Barium	Target	116		mg/kg	116	*	1	Yes	S3VEM
Beryllium	Target	0.80		mg/kg	0.80	J	1	Yes	S3VEM
Cadmium	Target	5.2		mg/kg	5.2	*	1	Yes	S3VEM
Calcium	Target	4430		mg/kg	4430	*	1	Yes	S3VEM
Chromium	Target	1560	J	mg/kg	1560	*	1	Yes	S3VEM
Cobalt	Target	11.2		mg/kg	11.2	J	1	Yes	S3VEM
Copper	Target	128	J	mg/kg	128	*	1	Yes	S3VEM
Iron	Target	25400	J	mg/kg	25400	*	1	Yes	S3VEM
Lead	Target	262	J	mg/kg	262	*	1	Yes	S3VEM
Magnesium	Target	6370		mg/kg	6370	*	1	Yes	S3VEM
Manganese	Target	372	J	mg/kg	372	*	1	Yes	S3VEM
Nickel	Target	24.1		mg/kg	24.1		1	Yes	S3VEM
Potassium	Target	2100		mg/kg	2100		1	Yes	S3VEM
Selenium	Target	2.0		mg/kg	2.0	J	1	Yes	S3VEM
Silver	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Sodium	Target	197		mg/kg	197	J	1	Yes	S3VEM
Thallium	Target	6.2	U	mg/kg	6.2	U	1	Yes	S3VEM
Vanadium	Target	24.6		mg/kg	24.6		1	Yes	S3VEM
Zinc	Target	647	J	mg/kg	647	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: MBC798L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	51800		ug/L	51800		5	Yes	S3VEM
Antimony	Target	4.6	J	ug/L	4.6	J	5	Yes	S3VEM
Arsenic	Target	77.1		ug/L	77.1		5	Yes	S3VEM
Barium	Target	276		ug/L	276		5	Yes	S3VEM
Beryllium	Target	2.0	J	ug/L	2.0	J	5	Yes	S3VEM
Cadmium	Target	6.7		ug/L	6.7	*	5	Yes	S3VEM
Calcium	Target	11200		ug/L	11200		5	Yes	S3VEM
Chromium	Target	2480		ug/L	2480		5	Yes	S3VEM
Cobalt	Target	27.3		ug/L	27.3		5	Yes	S3VEM
Copper	Target	247		ug/L	247		5	Yes	S3VEM
Iron	Target	64200		ug/L	64200		5	Yes	S3VEM
Lead	Target	560		ug/L	560		5	Yes	S3VEM
Magnesium	Target	16400		ug/L	16400		5	Yes	S3VEM
Manganese	Target	917		ug/L	917		5	Yes	S3VEM
Nickel	Target	60.8		ug/L	60.8		5	Yes	S3VEM
Potassium	Target	3960		ug/L	3960		5	Yes	S3VEM
Selenium	Target	4.9	J	ug/L	4.9	J	5	Yes	S3VEM
Silver	Target	5.0	U	ug/L	5.0	U	5	Yes	S3VEM
Sodium	Target	413	J	ug/L	413	J	5	Yes	S3VEM
Thallium	Target	5.9	J	ug/L	5.9	J	5	Yes	S3VEM
Vanadium	Target	56.6		ug/L	56.6		5	Yes	S3VEM
Zinc	Target	1010		ug/L	1010		5	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC798S	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	52.1		mg/kg	52.1	D	50	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC798S	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/12/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	39.8266		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	11.8	J	mg/kg	11.8	J*	1	Yes	S3VEM
Arsenic	Spike	63.8		mg/kg	63.8	*	1	Yes	S3VEM
Barium	Spike	999		mg/kg	999		1	Yes	S3VEM
Beryllium	Spike	24.4		mg/kg	24.4		1	Yes	S3VEM
Cadmium	Spike	26.3		mg/kg	26.3		1	Yes	S3VEM
Chromium	Spike	1440		mg/kg	1440		1	Yes	S3VEM
Cobalt	Spike	225		mg/kg	225		1	Yes	S3VEM
Copper	Spike	257		mg/kg	257	*	1	Yes	S3VEM
Lead	Spike	272		mg/kg	272		1	Yes	S3VEM
Manganese	Spike	618		mg/kg	618	*	1	Yes	S3VEM
Nickel	Spike	237		mg/kg	237		1	Yes	S3VEM
Selenium	Spike	43.7		mg/kg	43.7		1	Yes	S3VEM
Silver	Spike	22.2		mg/kg	22.2		1	Yes	S3VEM
Thallium	Spike	21.5		mg/kg	21.5		1	Yes	S3VEM
Vanadium	Spike	245		mg/kg	245		1	Yes	S3VEM
Zinc	Spike	821		mg/kg	821	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC799	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:10:00
% Moisture :				% Solids :	33.7367		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	17000	J	mg/kg	17000	*	1	Yes	S3VEM
Antimony	Target	1.3	J	mg/kg	1.3	J*	1	Yes	S3VEM
Arsenic	Target	6.3	J	mg/kg	6.3	*	1	Yes	S3VEM
Barium	Target	82.8	J	mg/kg	82.8	*	1	Yes	S3VEM
Beryllium	Target	0.69	J	mg/kg	0.69	J	1	Yes	S3VEM
Cadmium	Target	3.6	J	mg/kg	3.6	*	1	Yes	S3VEM
Calcium	Target	5410	J	mg/kg	5410	*	1	Yes	S3VEM
Chromium	Target	209	J	mg/kg	209	*	1	Yes	S3VEM
Cobalt	Target	11.9	J	mg/kg	11.9		1	Yes	S3VEM
Copper	Target	150	J	mg/kg	150	*	1	Yes	S3VEM
Iron	Target	24000	J	mg/kg	24000	*	1	Yes	S3VEM
Lead	Target	277	J	mg/kg	277	*	1	Yes	S3VEM
Magnesium	Target	6340	J	mg/kg	6340	*	1	Yes	S3VEM
Manganese	Target	316	J	mg/kg	316	*	1	Yes	S3VEM
Nickel	Target	29.4	J	mg/kg	29.4		1	Yes	S3VEM
Potassium	Target	1900	J	mg/kg	1900		1	Yes	S3VEM
Selenium	Target	1.5	J	mg/kg	1.5	J	1	Yes	S3VEM
Silver	Target	2.0	UJ	mg/kg	2.0	U	1	Yes	S3VEM
Sodium	Target	214	J	mg/kg	214	J	1	Yes	S3VEM
Thallium	Target	5.1	UJ	mg/kg	5.1	U	1	Yes	S3VEM
Vanadium	Target	22.8	J	mg/kg	22.8		1	Yes	S3VEM
Zinc	Target	433	J	mg/kg	433	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC799	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:10:00
% Moisture :				% Solids :	33.7367		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	5.1	J	mg/kg	5.1		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A0	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:30:00
% Moisture :				% Solids :	36.4981		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11000	J	mg/kg	11000	*	1	Yes	S3VEM
Antimony	Target	12.9	UJ	mg/kg	12.9	U*	1	Yes	S3VEM
Arsenic	Target	14.5	J	mg/kg	14.5	*	1	Yes	S3VEM
Barium	Target	58.6	J	mg/kg	58.6	*	1	Yes	S3VEM
Beryllium	Target	0.42	J	mg/kg	0.42	J	1	Yes	S3VEM
Cadmium	Target	0.21	J	mg/kg	0.21	J*	1	Yes	S3VEM
Calcium	Target	2610	J	mg/kg	2610	*	1	Yes	S3VEM
Chromium	Target	629	J	mg/kg	629	*	1	Yes	S3VEM
Cobalt	Target	6.5	J	mg/kg	6.5	J	1	Yes	S3VEM
Copper	Target	67.1	J	mg/kg	67.1	*	1	Yes	S3VEM
Iron	Target	14000	J	mg/kg	14000	*	1	Yes	S3VEM
Lead	Target	140	J	mg/kg	140	*	1	Yes	S3VEM
Magnesium	Target	3570	J	mg/kg	3570	*	1	Yes	S3VEM
Manganese	Target	194	J	mg/kg	194	*	1	Yes	S3VEM
Nickel	Target	13.7	J	mg/kg	13.7		1	Yes	S3VEM
Potassium	Target	1074	UJ	mg/kg	917	J	1	Yes	S3VEM
Selenium	Target	7.5	UJ	mg/kg	7.5	U	1	Yes	S3VEM
Silver	Target	2.1	UJ	mg/kg	2.1	U	1	Yes	S3VEM
Sodium	Target	132	J	mg/kg	132	J	1	Yes	S3VEM
Thallium	Target	5.4	UJ	mg/kg	5.4	U	1	Yes	S3VEM
Vanadium	Target	12.0	J	mg/kg	12.0		1	Yes	S3VEM
Zinc	Target	90.0	J	mg/kg	90.0	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:30:00
% Moisture :				% Solids :	36.4981		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	25.6	J	mg/kg	25.6	*D	10	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A1	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	35.562		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12100	J	mg/kg	12100	*	1	Yes	S3VEM
Antimony	Target	15.2	J	mg/kg	15.2	*	1	Yes	S3VEM
Arsenic	Target	48.4	J	mg/kg	48.4	*	1	Yes	S3VEM
Barium	Target	62.0	J	mg/kg	62.0	*	1	Yes	S3VEM
Beryllium	Target	0.48	J	mg/kg	0.48	J	1	Yes	S3VEM
Cadmium	Target	10.6	J	mg/kg	10.6	*	1	Yes	S3VEM
Calcium	Target	2880	J	mg/kg	2880	*	1	Yes	S3VEM
Chromium	Target	1680	J	mg/kg	1680	*	1	Yes	S3VEM
Cobalt	Target	7.5	J	mg/kg	7.5	J	1	Yes	S3VEM
Copper	Target	196	J	mg/kg	196	*	1	Yes	S3VEM
Iron	Target	17000	J	mg/kg	17000	*	1	Yes	S3VEM
Lead	Target	299	J	mg/kg	299	*	1	Yes	S3VEM
Magnesium	Target	3840	J	mg/kg	3840	*	1	Yes	S3VEM
Manganese	Target	203	J	mg/kg	203	*	1	Yes	S3VEM
Nickel	Target	15.7	J	mg/kg	15.7		1	Yes	S3VEM
Potassium	Target	1140	J	mg/kg	1140		1	Yes	S3VEM
Selenium	Target	1.8	J	mg/kg	1.8	J	1	Yes	S3VEM
Silver	Target	2.1	UJ	mg/kg	2.1	U	1	Yes	S3VEM
Sodium	Target	152	J	mg/kg	152	J	1	Yes	S3VEM
Thallium	Target	5.2	UJ	mg/kg	5.2	U	1	Yes	S3VEM
Vanadium	Target	14.3	J	mg/kg	14.3		1	Yes	S3VEM
Zinc	Target	938	J	mg/kg	938	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A1	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED09	pH:		Sample Date:	11/12/2015	Sample Time:	12:20:00
% Moisture :				% Solids :	35.562		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	48.7	J	mg/kg	48.7	*D	10	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A2	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:15:00
% Moisture :				% Solids :	22.9439		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	16300	J	mg/kg	16300	*	1	Yes	S3VEM
Antimony	Target	24.6	UJ	mg/kg	24.6	U*	1	Yes	S3VEM
Arsenic	Target	4.9	J	mg/kg	4.9	*	1	Yes	S3VEM
Barium	Target	96.2	J	mg/kg	96.2	*	1	Yes	S3VEM
Beryllium	Target	0.63	J	mg/kg	0.63	J	1	Yes	S3VEM
Cadmium	Target	0.80	J	mg/kg	0.80	J*	1	Yes	S3VEM
Calcium	Target	10300	J	mg/kg	10300	*	1	Yes	S3VEM
Chromium	Target	26.9	J	mg/kg	26.9	*	1	Yes	S3VEM
Cobalt	Target	9.8	J	mg/kg	9.8	J	1	Yes	S3VEM
Copper	Target	51.1	J	mg/kg	51.1	*	1	Yes	S3VEM
Iron	Target	24500	J	mg/kg	24500	*	1	Yes	S3VEM
Lead	Target	112	J	mg/kg	112	*	1	Yes	S3VEM
Magnesium	Target	8440	J	mg/kg	8440	*	1	Yes	S3VEM
Manganese	Target	623	J	mg/kg	623	*	1	Yes	S3VEM
Nickel	Target	24.1	J	mg/kg	24.1		1	Yes	S3VEM
Potassium	Target	2050	UJ	mg/kg	1930	J	1	Yes	S3VEM
Selenium	Target	14.3	UJ	mg/kg	14.3	U	1	Yes	S3VEM
Silver	Target	4.1	UJ	mg/kg	4.1	U	1	Yes	S3VEM
Sodium	Target	390	J	mg/kg	390	J	1	Yes	S3VEM
Thallium	Target	10.2	UJ	mg/kg	10.2	U	1	Yes	S3VEM
Vanadium	Target	24.8	J	mg/kg	24.8		1	Yes	S3VEM
Zinc	Target	201	J	mg/kg	201	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A2	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:15:00
% Moisture :				% Solids :	22.9439		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.75	UJ	mg/kg	0.39	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A3	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:35:00
% Moisture :				% Solids :	44.2882		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	1.4	J	mg/kg	1.4		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A3	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:35:00
% Moisture :				% Solids :	44.2882		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14800	J	mg/kg	14800	*	1	Yes	S3VEM
Antimony	Target	1.2	J	mg/kg	1.2	J*	1	Yes	S3VEM
Arsenic	Target	5.5	J	mg/kg	5.5	*	1	Yes	S3VEM
Barium	Target	104	J	mg/kg	104	*	1	Yes	S3VEM
Beryllium	Target	0.59	J	mg/kg	0.59	J	1	Yes	S3VEM
Cadmium	Target	2.0	J	mg/kg	2.0	*	1	Yes	S3VEM
Calcium	Target	7510	J	mg/kg	7510	*	1	Yes	S3VEM
Chromium	Target	58.6	J	mg/kg	58.6	*	1	Yes	S3VEM
Cobalt	Target	10.0	J	mg/kg	10.0		1	Yes	S3VEM
Copper	Target	92.8	J	mg/kg	92.8	*	1	Yes	S3VEM
Iron	Target	24500	J	mg/kg	24500	*	1	Yes	S3VEM
Lead	Target	178	J	mg/kg	178	*	1	Yes	S3VEM
Magnesium	Target	7040	J	mg/kg	7040	*	1	Yes	S3VEM
Manganese	Target	441	J	mg/kg	441	*	1	Yes	S3VEM
Nickel	Target	28.2	J	mg/kg	28.2		1	Yes	S3VEM
Potassium	Target	1650	J	mg/kg	1650		1	Yes	S3VEM
Selenium	Target	1.4	J	mg/kg	1.4	J	1	Yes	S3VEM
Silver	Target	1.3	J	mg/kg	1.3	J	1	Yes	S3VEM
Sodium	Target	179	J	mg/kg	179	J	1	Yes	S3VEM
Thallium	Target	4.3	UJ	mg/kg	4.3	U	1	Yes	S3VEM
Vanadium	Target	24.5	J	mg/kg	24.5		1	Yes	S3VEM
Zinc	Target	327	J	mg/kg	327	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:25:00
% Moisture :				% Solids :	32.2494		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.96	J	mg/kg	0.96		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A4	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED10	pH:		Sample Date:	11/12/2015	Sample Time:	14:25:00
% Moisture :				% Solids :	32.2494		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15300	J	mg/kg	15300	*	1	Yes	S3VEM
Antimony	Target	1.5	J	mg/kg	1.5	J*	1	Yes	S3VEM
Arsenic	Target	5.5	J	mg/kg	5.5	*	1	Yes	S3VEM
Barium	Target	98.6	J	mg/kg	98.6	*	1	Yes	S3VEM
Beryllium	Target	0.61	J	mg/kg	0.61	J	1	Yes	S3VEM
Cadmium	Target	1.8	J	mg/kg	1.8	*	1	Yes	S3VEM
Calcium	Target	8520	J	mg/kg	8520	*	1	Yes	S3VEM
Chromium	Target	55.6	J	mg/kg	55.6	*	1	Yes	S3VEM
Cobalt	Target	9.7	J	mg/kg	9.7	J	1	Yes	S3VEM
Copper	Target	76.7	J	mg/kg	76.7	*	1	Yes	S3VEM
Iron	Target	24900	J	mg/kg	24900	*	1	Yes	S3VEM
Lead	Target	118	J	mg/kg	118	*	1	Yes	S3VEM
Magnesium	Target	7620	J	mg/kg	7620	*	1	Yes	S3VEM
Manganese	Target	594	J	mg/kg	594	*	1	Yes	S3VEM
Nickel	Target	33.8	J	mg/kg	33.8		1	Yes	S3VEM
Potassium	Target	1730	J	mg/kg	1730		1	Yes	S3VEM
Selenium	Target	2.0	J	mg/kg	2.0	J	1	Yes	S3VEM
Silver	Target	1.2	J	mg/kg	1.2	J	1	Yes	S3VEM
Sodium	Target	246	J	mg/kg	246	J	1	Yes	S3VEM
Thallium	Target	7.6	UJ	mg/kg	7.6	U	1	Yes	S3VEM
Vanadium	Target	27.6	J	mg/kg	27.6		1	Yes	S3VEM
Zinc	Target	319	J	mg/kg	319	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A5	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:00:00
% Moisture :				% Solids :	76.6706		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.25	U	mg/kg	0.049	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A5	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:00:00
% Moisture :				% Solids :	76.6706		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10900		mg/kg	10900	*	1	Yes	S3VEM
Antimony	Target	12.8	U	mg/kg	12.8	U*D	2	Yes	S3VEM
Arsenic	Target	4.4		mg/kg	4.4	*	1	Yes	S3VEM
Barium	Target	31.8		mg/kg	31.8	*	1	Yes	S3VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Cadmium	Target	0.32	J	mg/kg	0.32	J*D	2	Yes	S3VEM
Calcium	Target	3480		mg/kg	3480	*	1	Yes	S3VEM
Chromium	Target	25.2		mg/kg	25.2	*	1	Yes	S3VEM
Cobalt	Target	8.3		mg/kg	8.3		1	Yes	S3VEM
Copper	Target	21.3		mg/kg	21.3	*D	2	Yes	S3VEM
Iron	Target	23500		mg/kg	23500	*D	2	Yes	S3VEM
Lead	Target	26.5		mg/kg	26.5	*D	2	Yes	S3VEM
Magnesium	Target	6320		mg/kg	6320	*	1	Yes	S3VEM
Manganese	Target	242		mg/kg	242	*	1	Yes	S3VEM
Nickel	Target	19.2		mg/kg	19.2	D	2	Yes	S3VEM
Potassium	Target	1060		mg/kg	1060		1	Yes	S3VEM
Selenium	Target	3.7	U	mg/kg	3.7	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	87.8	J	mg/kg	87.8	J	1	Yes	S3VEM
Thallium	Target	2.7	U	mg/kg	2.7	U	1	Yes	S3VEM
Vanadium	Target	14.4		mg/kg	14.4		1	Yes	S3VEM
Zinc	Target	115		mg/kg	115	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A6	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	86.237		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.23	U	mg/kg	0.029	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A6	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:20:00
% Moisture :				% Solids :	86.237		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12300		mg/kg	12300	*	1	Yes	S3VEM
Antimony	Target	26.9	U	mg/kg	26.9	U*D	5	Yes	S3VEM
Arsenic	Target	1.7		mg/kg	1.7	*	1	Yes	S3VEM
Barium	Target	24.5		mg/kg	24.5	*	1	Yes	S3VEM
Beryllium	Target	0.41	J	mg/kg	0.41	J	1	Yes	S3VEM
Cadmium	Target	0.24	J	mg/kg	0.24	J*D	5	Yes	S3VEM
Calcium	Target	1280		mg/kg	1280	*	1	Yes	S3VEM
Chromium	Target	18.9		mg/kg	18.9	*	1	Yes	S3VEM
Cobalt	Target	8.4		mg/kg	8.4		1	Yes	S3VEM
Copper	Target	15.9		mg/kg	15.9	*D	5	Yes	S3VEM
Iron	Target	26800		mg/kg	26800	*D	5	Yes	S3VEM
Lead	Target	13.3		mg/kg	13.3	*D	5	Yes	S3VEM
Magnesium	Target	6310		mg/kg	6310	*	1	Yes	S3VEM
Manganese	Target	216		mg/kg	216	*	1	Yes	S3VEM
Nickel	Target	22.4		mg/kg	22.4	D	5	Yes	S3VEM
Potassium	Target	882		mg/kg	882		1	Yes	S3VEM
Selenium	Target	3.1	U	mg/kg	3.1	U	1	Yes	S3VEM
Silver	Target	0.90	U	mg/kg	0.90	U	1	Yes	S3VEM
Sodium	Target	39.7	J	mg/kg	39.7	J	1	Yes	S3VEM
Thallium	Target	2.2	U	mg/kg	2.2	U	1	Yes	S3VEM
Vanadium	Target	12.4		mg/kg	12.4		1	Yes	S3VEM
Zinc	Target	89.6		mg/kg	89.6	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:10:00
% Moisture :				% Solids :	89.864		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.20	U	mg/kg	0.017	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A7	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED11	pH:		Sample Date:	11/12/2015	Sample Time:	15:10:00
% Moisture :				% Solids :	89.864		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11400		mg/kg	11400	*	1	Yes	S3VEM
Antimony	Target	23.7	U	mg/kg	23.7	U*D	5	Yes	S3VEM
Arsenic	Target	1.9		mg/kg	1.9	*	1	Yes	S3VEM
Barium	Target	18.6		mg/kg	18.6	*	1	Yes	S3VEM
Beryllium	Target	0.42		mg/kg	0.42		1	Yes	S3VEM
Cadmium	Target	2.0	U	mg/kg	2.0	U*D	5	Yes	S3VEM
Calcium	Target	1370		mg/kg	1370	*	1	Yes	S3VEM
Chromium	Target	15.7		mg/kg	15.7	*	1	Yes	S3VEM
Cobalt	Target	7.1		mg/kg	7.1		1	Yes	S3VEM
Copper	Target	26.2		mg/kg	26.2	*D	5	Yes	S3VEM
Iron	Target	28400		mg/kg	28400	*D	5	Yes	S3VEM
Lead	Target	13.4		mg/kg	13.4	*D	5	Yes	S3VEM
Magnesium	Target	6260		mg/kg	6260	*	1	Yes	S3VEM
Manganese	Target	204		mg/kg	204	*	1	Yes	S3VEM
Nickel	Target	21.5		mg/kg	21.5	D	5	Yes	S3VEM
Potassium	Target	648		mg/kg	648		1	Yes	S3VEM
Selenium	Target	2.8	U	mg/kg	2.8	U	1	Yes	S3VEM
Silver	Target	0.79	U	mg/kg	0.79	U	1	Yes	S3VEM
Sodium	Target	35.2	J	mg/kg	35.2	J	1	Yes	S3VEM
Thallium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Vanadium	Target	12.7		mg/kg	12.7		1	Yes	S3VEM
Zinc	Target	96.6		mg/kg	96.6	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A8	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	67.1981		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11400		mg/kg	11400	*	1	Yes	S3VEM
Antimony	Target	33.5	U	mg/kg	33.5	U*D	5	Yes	S3VEM
Arsenic	Target	6.3		mg/kg	6.3	*	1	Yes	S3VEM
Barium	Target	99.5		mg/kg	99.5	*	1	Yes	S3VEM
Beryllium	Target	0.56		mg/kg	0.56		1	Yes	S3VEM
Cadmium	Target	0.26	J	mg/kg	0.26	J*D	5	Yes	S3VEM
Calcium	Target	53000		mg/kg	53000	*D	5	Yes	S3VEM
Chromium	Target	18.9		mg/kg	18.9	*	1	Yes	S3VEM
Cobalt	Target	7.6		mg/kg	7.6		1	Yes	S3VEM
Copper	Target	47.5		mg/kg	47.5	*D	5	Yes	S3VEM
Iron	Target	36000		mg/kg	36000	*D	5	Yes	S3VEM
Lead	Target	125		mg/kg	125	*D	5	Yes	S3VEM
Magnesium	Target	29600		mg/kg	29600	*	1	Yes	S3VEM
Manganese	Target	523		mg/kg	523	*	1	Yes	S3VEM
Nickel	Target	24.7		mg/kg	24.7	D	5	Yes	S3VEM
Potassium	Target	1190		mg/kg	1190		1	Yes	S3VEM
Selenium	Target	0.73	J	mg/kg	0.73	J	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	117	J	mg/kg	117	J	1	Yes	S3VEM
Thallium	Target	0.73	J	mg/kg	0.73	J	1	Yes	S3VEM
Vanadium	Target	17.6		mg/kg	17.6		1	Yes	S3VEM
Zinc	Target	113		mg/kg	113	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A8	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	67.1981		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.29	U	mg/kg	0.12	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7A9	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	60.8292		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.32	U	mg/kg	0.17	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7A9	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	60.8292		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	16900		mg/kg	16900	*	1	Yes	S3VEM
Antimony	Target	36.3	U	mg/kg	36.3	U*D	5	Yes	S3VEM
Arsenic	Target	6.3		mg/kg	6.3	*	1	Yes	S3VEM
Barium	Target	70.6		mg/kg	70.6	*	1	Yes	S3VEM
Beryllium	Target	0.71		mg/kg	0.71		1	Yes	S3VEM
Cadmium	Target	0.38	J	mg/kg	0.38	J*D	5	Yes	S3VEM
Calcium	Target	22900		mg/kg	22900	*	1	Yes	S3VEM
Chromium	Target	25.5		mg/kg	25.5	*	1	Yes	S3VEM
Cobalt	Target	11.5		mg/kg	11.5		1	Yes	S3VEM
Copper	Target	46.3		mg/kg	46.3	*D	5	Yes	S3VEM
Iron	Target	39600		mg/kg	39600	*D	5	Yes	S3VEM
Lead	Target	100		mg/kg	100	*D	5	Yes	S3VEM
Magnesium	Target	18500		mg/kg	18500	*	1	Yes	S3VEM
Manganese	Target	638		mg/kg	638	*	1	Yes	S3VEM
Nickel	Target	31.6		mg/kg	31.6	D	5	Yes	S3VEM
Potassium	Target	1310		mg/kg	1310		1	Yes	S3VEM
Selenium	Target	1.1	J	mg/kg	1.1	J	1	Yes	S3VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	Yes	S3VEM
Sodium	Target	250	J	mg/kg	250	J	1	Yes	S3VEM
Thallium	Target	0.91	J	mg/kg	0.91	J	1	Yes	S3VEM
Vanadium	Target	23.3		mg/kg	23.3		1	Yes	S3VEM
Zinc	Target	162		mg/kg	162	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7B0	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	62.8181		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12700		mg/kg	12700	*	1	Yes	S3VEM
Antimony	Target	18.5	U	mg/kg	18.5	U*D	2	Yes	S3VEM
Arsenic	Target	6.0		mg/kg	6.0	*	1	Yes	S3VEM
Barium	Target	52.1		mg/kg	52.1	*	1	Yes	S3VEM
Beryllium	Target	0.58	J	mg/kg	0.58	J	1	Yes	S3VEM
Cadmium	Target	0.20	J	mg/kg	0.20	J*D	2	Yes	S3VEM
Calcium	Target	7690		mg/kg	7690	*	1	Yes	S3VEM
Chromium	Target	18.7		mg/kg	18.7	*	1	Yes	S3VEM
Cobalt	Target	8.6		mg/kg	8.6		1	Yes	S3VEM
Copper	Target	33.2		mg/kg	33.2	*D	2	Yes	S3VEM
Iron	Target	30900		mg/kg	30900	*D	2	Yes	S3VEM
Lead	Target	71.9		mg/kg	71.9	*D	2	Yes	S3VEM
Magnesium	Target	9500		mg/kg	9500	*	1	Yes	S3VEM
Manganese	Target	371		mg/kg	371	*	1	Yes	S3VEM
Nickel	Target	25.6		mg/kg	25.6	D	2	Yes	S3VEM
Potassium	Target	1160		mg/kg	1160		1	Yes	S3VEM
Selenium	Target	5.4	U	mg/kg	5.4	U	1	Yes	S3VEM
Silver	Target	1.5	U	mg/kg	1.5	U	1	Yes	S3VEM
Sodium	Target	89.1	J	mg/kg	89.1	J	1	Yes	S3VEM
Thallium	Target	3.8	U	mg/kg	3.8	U	1	Yes	S3VEM
Vanadium	Target	19.2		mg/kg	19.2		1	Yes	S3VEM
Zinc	Target	130		mg/kg	130	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7B0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED12	pH:		Sample Date:	11/12/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	62.8181		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.18		mg/kg	0.18		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7D0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:		Sample Date:	11/12/2015	Sample Time:	15:50:00
% Moisture :				% Solids :	77.5633		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	1.2		mg/kg	1.2		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7D0	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED19	pH:		Sample Date:	11/12/2015	Sample Time:	15:50:00
% Moisture :				% Solids :	77.5633		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13500		mg/kg	13500	*	1	Yes	S3VEM
Antimony	Target	2.1	J	mg/kg	2.1	J*D	2	Yes	S3VEM
Arsenic	Target	5.0		mg/kg	5.0	*	1	Yes	S3VEM
Barium	Target	43.8		mg/kg	43.8	*	1	Yes	S3VEM
Beryllium	Target	0.47	J	mg/kg	0.47	J	1	Yes	S3VEM
Cadmium	Target	1.9		mg/kg	1.9	*D	2	Yes	S3VEM
Calcium	Target	4530		mg/kg	4530	*	1	Yes	S3VEM
Chromium	Target	37.0		mg/kg	37.0	*	1	Yes	S3VEM
Cobalt	Target	9.1		mg/kg	9.1		1	Yes	S3VEM
Copper	Target	58.6		mg/kg	58.6	*D	2	Yes	S3VEM
Iron	Target	30400		mg/kg	30400	*D	2	Yes	S3VEM
Lead	Target	178		mg/kg	178	*D	2	Yes	S3VEM
Magnesium	Target	8660		mg/kg	8660	*	1	Yes	S3VEM
Manganese	Target	341		mg/kg	341	*	1	Yes	S3VEM
Nickel	Target	25.3		mg/kg	25.3	D	2	Yes	S3VEM
Potassium	Target	753		mg/kg	753		1	Yes	S3VEM
Selenium	Target	4.5	U	mg/kg	4.5	U	1	Yes	S3VEM
Silver	Target	1.3	U	mg/kg	1.3	U	1	Yes	S3VEM
Sodium	Target	57.1	J	mg/kg	57.1	J	1	Yes	S3VEM
Thallium	Target	0.54	J	mg/kg	0.54	J	1	Yes	S3VEM
Vanadium	Target	15.9		mg/kg	15.9		1	Yes	S3VEM
Zinc	Target	275		mg/kg	275	*	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number:	MBC7H9	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:05:00
% Moisture :				% Solids :	79.019		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10200		mg/kg	10200	*	1	Yes	S3VEM
Antimony	Target	13.2	U	mg/kg	13.2	U*D	2	Yes	S3VEM
Arsenic	Target	2.6		mg/kg	2.6	*	1	Yes	S3VEM
Barium	Target	28.7		mg/kg	28.7	*	1	Yes	S3VEM
Beryllium	Target	0.34	J	mg/kg	0.34	J	1	Yes	S3VEM
Cadmium	Target	1.1	U	mg/kg	1.1	U*D	2	Yes	S3VEM
Calcium	Target	887		mg/kg	887	*	1	Yes	S3VEM
Chromium	Target	13.8		mg/kg	13.8	*	1	Yes	S3VEM
Cobalt	Target	7.7		mg/kg	7.7		1	Yes	S3VEM
Copper	Target	12.3		mg/kg	12.3	*D	2	Yes	S3VEM
Iron	Target	22000		mg/kg	22000	*D	2	Yes	S3VEM
Lead	Target	13.7		mg/kg	13.7	*D	2	Yes	S3VEM
Magnesium	Target	4610		mg/kg	4610	*	1	Yes	S3VEM
Manganese	Target	239		mg/kg	239	*	1	Yes	S3VEM
Nickel	Target	16.4		mg/kg	16.4	D	2	Yes	S3VEM
Potassium	Target	765		mg/kg	765		1	Yes	S3VEM
Selenium	Target	3.9	U	mg/kg	3.9	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	52.2	J	mg/kg	52.2	J	1	Yes	S3VEM
Thallium	Target	2.8	U	mg/kg	2.8	U	1	Yes	S3VEM
Vanadium	Target	10.6		mg/kg	10.6		1	Yes	S3VEM
Zinc	Target	57.8		mg/kg	57.8	*	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC763	Lab Code:	EQI

Sample Number:	MBC7H9	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED07	pH:		Sample Date:	11/12/2015	Sample Time:	11:05:00
% Moisture :				% Solids :	79.019		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.24	U	mg/kg	0.14	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: PBS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Calcium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1	Yes	S3VEM
Lead	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Magnesium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	Yes	S3VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	Yes	S3VEM
Potassium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: PBS002	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: PBW001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	15.0	U	ug/L	15.0	U	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: PBW003	Method: Mercury by Cold Vapor	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.043	J	ug/L	0.043	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC763	Lab Code: EQI

Sample Number: QQ90139-001MB	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.0068	J	mg/kg	0.0068	J	1	Yes	S3VEM

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC763D	DI Water	11/12/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-70-2	Calcium	5000	U	U	5000	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7439-89-6	Iron	35.6	J		100	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7439-96-5	Manganese	1.5	J		15	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-02-0	Nickel	1.1	J		40	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-09-7	Potassium	5000	U	U	5000	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-23-5	Sodium	5000	U	U	5000	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-RIN04
MBC763D	DI Water	11/12/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-RIN04
MBC798D	Sediment	11/12/2015	1	7429-90-5	Aluminum	21600	*	J	20	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-36-0	Antimony	14.9	U	U	6	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-38-2	Arsenic	43.3	*	J	1	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-39-3	Barium	116	*		20	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.80	J		0.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-43-9	Cadmium	5.2	*		0.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-70-2	Calcium	4430	*		500	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-47-3	Chromium	1560	*	J	1	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-48-4	Cobalt	11.2	J		5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-50-8	Copper	128	*	J	2.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7439-89-6	Iron	25400	*	J	10	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7439-92-1	Lead	262	*	J	1	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7439-95-4	Magnesium	6370	*		500	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7439-96-5	Manganese	372	*	J	1.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-02-0	Nickel	24.1			4	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-09-7	Potassium	2100			500	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7782-49-2	Selenium	2.0	J		3.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-22-4	Silver	2.5	U	U	1	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-23-5	Sodium	197	J		500	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-28-0	Thallium	6.2	U	U	2.5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-62-2	Vanadium	24.6			5	mg/kg	0269-SED08-6-12
MBC798D	Sediment	11/12/2015	1	7440-66-6	Zinc	647	*	J	6	mg/kg	0269-SED08-6-12
MBC763	DI Water	11/12/2015	1	7429-90-5	Aluminum	200	U	U	200	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-36-0	Antimony	60.0	U	U	60	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-39-3	Barium	200	U	U	200	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-70-2	Calcium	5000	U	U	5000	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-47-3	Chromium	10.0	U	U	10	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-50-8	Copper	25.0	U	U	25	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7439-89-6	Iron	58.3	J	J	100	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7439-92-1	Lead	10.0	U	U	10	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7439-96-5	Manganese	1.6	J	J	15	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-02-0	Nickel	1.2	J	J	40	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-09-7	Potassium	5000	U	U	5000	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7782-49-2	Selenium	35.0	U	U	35	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-22-4	Silver	10.0	U	U	10	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-23-5	Sodium	5000	U	U	5000	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-28-0	Thallium	25.0	U	U	25	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	0269-RIN04
MBC763	DI Water	11/12/2015	1	7440-66-6	Zinc	60.0	U	U	60	ug/L	0269-RIN04
MBC794	Sediment	11/12/2015	1	7429-90-5	Aluminum	11500	*		20	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7440-36-0	Antimony	16.2	U*D	U	6	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-38-2	Arsenic	2.6	*		1	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-39-3	Barium	27.4	*		20	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.40	J	J	0.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7440-43-9	Cadmium	1.3	U*D	U	0.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-70-2	Calcium	1400	*		500	mg/kg	0269-SED07-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC794	Sediment	11/12/2015	1	7440-47-3	Chromium	14.7	*		1	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-48-4	Cobalt	6.4	J	J	5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7440-50-8	Copper	15.4	*D		2.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7439-89-6	Iron	24300	*D		10	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7439-92-1	Lead	8.7	*D		1	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7439-95-4	Magnesium	6140	*		500	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7439-96-5	Manganese	193	*		1.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	2	7440-02-0	Nickel	19.8	D		4	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-09-7	Potassium	790			500	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7782-49-2	Selenium	4.7	U	U	3.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-22-4	Silver	1.3	U	U	1	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-23-5	Sodium	58.7	J	J	500	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-28-0	Thallium	3.4	U	U	2.5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.5			5	mg/kg	0269-SED07-12-24
MBC794	Sediment	11/12/2015	1	7440-66-6	Zinc	55.9	*		6	mg/kg	0269-SED07-12-24
MBC795	Sediment	11/12/2015	1	7429-90-5	Aluminum	10100	*		20	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7440-36-0	Antimony	10.8	U*D	U	6	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-38-2	Arsenic	2.7	*		1	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-39-3	Barium	26.5	*		20	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.30	J	J	0.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7440-43-9	Cadmium	0.096	J*D	J	0.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-70-2	Calcium	914	*		500	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-47-3	Chromium	14.8	*		1	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-48-4	Cobalt	7.1			5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7440-50-8	Copper	12.5	*D		2.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7439-89-6	Iron	21100	*D		10	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7439-92-1	Lead	15.4	*D		1	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7439-95-4	Magnesium	5280	*		500	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7439-96-5	Manganese	233	*		1.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	2	7440-02-0	Nickel	16.4	D		4	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-09-7	Potassium	635			500	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7782-49-2	Selenium	3.1	U	U	3.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-22-4	Silver	0.90	U	U	1	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-23-5	Sodium	45.3	J	J	500	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-28-0	Thallium	2.2	U	U	2.5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-62-2	Vanadium	10.7			5	mg/kg	0269-SED07-6-12
MBC795	Sediment	11/12/2015	1	7440-66-6	Zinc	61.6	*		6	mg/kg	0269-SED07-6-12
MBC796	Sediment	11/12/2015	1	7429-90-5	Aluminum	12700	*	J	20	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-36-0	Antimony	26.9	*	J	6	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-38-2	Arsenic	85.8	*	J	1	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-39-3	Barium	66.2	*	J	20	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.56	J	J	0.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-43-9	Cadmium	17.6	*	J	0.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-70-2	Calcium	3360	*	J	500	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-47-3	Chromium	1590	*	J	1	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-48-4	Cobalt	9.4	J	J	5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-50-8	Copper	244	*	J	2.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7439-89-6	Iron	21600	*	J	10	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7439-92-1	Lead	323	*	J	1	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7439-95-4	Magnesium	4990	*	J	500	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7439-96-5	Manganese	289	*	J	1.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-02-0	Nickel	18.6		J	4	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-09-7	Potassium	1440	J	UJ	500	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7782-49-2	Selenium	10.1	U	UJ	3.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-22-4	Silver	2.9	U	UJ	1	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-23-5	Sodium	153	J	J	500	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-28-0	Thallium	7.2	U	UJ	2.5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-62-2	Vanadium	15.3		J	5	mg/kg	0269-SED08-0-6
MBC796	Sediment	11/12/2015	1	7440-66-6	Zinc	1540	*	J	6	mg/kg	0269-SED08-0-6
MBC797	Sediment	11/12/2015	1	7429-90-5	Aluminum	20400	*	J	20	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-36-0	Antimony	14.1	U*	UJ	6	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.4	*	J	1	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-39-3	Barium	111	*	J	20	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.80	J	J	0.5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-43-9	Cadmium	0.17	J*	J	0.5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-70-2	Calcium	4870	*	J	500	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-47-3	Chromium	80.6	*	J	1	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-48-4	Cobalt	10.3	J	J	5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-50-8	Copper	31.6	*	J	2.5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7439-89-6	Iron	24100	*	J	10	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7439-92-1	Lead	83.5	*	J	1	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7439-95-4	Magnesium	6360	*	J	500	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7439-96-5	Manganese	372	*	J	1.5	mg/kg	0269-SED08-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC797	Sediment	11/12/2015	1	7440-02-0	Nickel	23.5		J	4	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-09-7	Potassium	1790		J	500	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7782-49-2	Selenium	8.2	U	UJ	3.5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-22-4	Silver	2.4	U	UJ	1	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-23-5	Sodium	180	J	J	500	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-28-0	Thallium	5.9	U	UJ	2.5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-62-2	Vanadium	22.0		J	5	mg/kg	0269-SED08-12-24
MBC797	Sediment	11/12/2015	1	7440-66-6	Zinc	86.2	*	J	6	mg/kg	0269-SED08-12-24
MBC798	Sediment	11/12/2015	1	7429-90-5	Aluminum	11800	*	J	20	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-36-0	Antimony	14.8	U*	UJ	6	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-38-2	Arsenic	19.0	*	J	1	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-39-3	Barium	63.0	*	J	20	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.46	J	J	0.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-43-9	Cadmium	1.8	*	J	0.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-70-2	Calcium	2560	*	J	500	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-47-3	Chromium	612	*	J	1	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-48-4	Cobalt	6.6	J	J	5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-50-8	Copper	59.7	*	J	2.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7439-89-6	Iron	14600	*	J	10	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7439-92-1	Lead	134	*	J	1	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7439-95-4	Magnesium	3720	*	J	500	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7439-96-5	Manganese	223	*	J	1.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-02-0	Nickel	14.4		J	4	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-09-7	Potassium	1230	J	UJ	500	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7782-49-2	Selenium	8.6	U	UJ	3.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-22-4	Silver	2.5	U	UJ	1	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-23-5	Sodium	109	J	J	500	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-28-0	Thallium	6.1	U	UJ	2.5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-62-2	Vanadium	13.8		J	5	mg/kg	0269-SED08-6-12
MBC798	Sediment	11/12/2015	1	7440-66-6	Zinc	247	*	J	6	mg/kg	0269-SED08-6-12
MBC799	Sediment	11/12/2015	1	7429-90-5	Aluminum	17000	*	J	20	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-36-0	Antimony	1.3	J*	J	6	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-38-2	Arsenic	6.3	*	J	1	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-39-3	Barium	82.8	*	J	20	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.69	J	J	0.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-43-9	Cadmium	3.6	*	J	0.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-70-2	Calcium	5410	*	J	500	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-47-3	Chromium	209	*	J	1	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-48-4	Cobalt	11.9		J	5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-50-8	Copper	150	*	J	2.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7439-89-6	Iron	24000	*	J	10	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7439-92-1	Lead	277	*	J	1	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7439-95-4	Magnesium	6340	*	J	500	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7439-96-5	Manganese	316	*	J	1.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-02-0	Nickel	29.4		J	4	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-09-7	Potassium	1900		J	500	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7782-49-2	Selenium	1.5	J	J	3.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-22-4	Silver	2.0	U	UJ	1	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-23-5	Sodium	214	J	J	500	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-28-0	Thallium	5.1	U	UJ	2.5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-62-2	Vanadium	22.8		J	5	mg/kg	0269-SED09-0-6
MBC799	Sediment	11/12/2015	1	7440-66-6	Zinc	433	*	J	6	mg/kg	0269-SED09-0-6
MBC7A0	Sediment	11/12/2015	1	7429-90-5	Aluminum	11000	*	J	20	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-36-0	Antimony	12.9	U*	UJ	6	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-38-2	Arsenic	14.5	*	J	1	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-39-3	Barium	58.6	*	J	20	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.42	J	J	0.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-43-9	Cadmium	0.21	J*	J	0.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-70-2	Calcium	2610	*	J	500	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-47-3	Chromium	629	*	J	1	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-48-4	Cobalt	6.5	J	J	5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-50-8	Copper	67.1	*	J	2.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7439-89-6	Iron	14000	*	J	10	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7439-92-1	Lead	140	*	J	1	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7439-95-4	Magnesium	3570	*	J	500	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7439-96-5	Manganese	194	*	J	1.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-02-0	Nickel	13.7		J	4	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-09-7	Potassium	1070	J	UJ	500	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7782-49-2	Selenium	7.5	U	UJ	3.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-22-4	Silver	2.1	U	UJ	1	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-23-5	Sodium	132	J	J	500	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-28-0	Thallium	5.4	U	UJ	2.5	mg/kg	0269-SED09-12-24
MBC7A0	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.0		J	5	mg/kg	0269-SED09-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7A0	Sediment	11/12/2015	1	7440-66-6	Zinc	90.0	*	J	6	mg/kg	0269-SED09-12-24
MBC7A1	Sediment	11/12/2015	1	7429-90-5	Aluminum	12100	*	J	20	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-36-0	Antimony	15.2	*	J	6	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-38-2	Arsenic	48.4	*	J	1	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-39-3	Barium	62.0	*	J	20	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.48	J	J	0.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-43-9	Cadmium	10.6	*	J	0.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-70-2	Calcium	2880	*	J	500	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-47-3	Chromium	1680	*	J	1	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-48-4	Cobalt	7.5	J	J	5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-50-8	Copper	196	*	J	2.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7439-89-6	Iron	17000	*	J	10	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7439-92-1	Lead	299	*	J	1	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7439-95-4	Magnesium	3840	*	J	500	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7439-96-5	Manganese	203	*	J	1.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-02-0	Nickel	15.7		J	4	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-09-7	Potassium	1140		J	500	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7782-49-2	Selenium	1.8	J	J	3.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-22-4	Silver	2.1	U	UJ	1	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-23-5	Sodium	152	J	J	500	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-28-0	Thallium	5.2	U	UJ	2.5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-62-2	Vanadium	14.3		J	5	mg/kg	0269-SED09-6-12
MBC7A1	Sediment	11/12/2015	1	7440-66-6	Zinc	938	*	J	6	mg/kg	0269-SED09-6-12
MBC7A2	Sediment	11/12/2015	1	7429-90-5	Aluminum	16300	*	J	20	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-36-0	Antimony	24.6	U*	UJ	6	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-38-2	Arsenic	4.9	*	J	1	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-39-3	Barium	96.2	*	J	20	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.63	J	J	0.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-43-9	Cadmium	0.80	J*	J	0.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-70-2	Calcium	10300	*	J	500	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-47-3	Chromium	26.9	*	J	1	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-48-4	Cobalt	9.8	J	J	5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-50-8	Copper	51.1	*	J	2.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7439-89-6	Iron	24500	*	J	10	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7439-92-1	Lead	112	*	J	1	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7439-95-4	Magnesium	8440	*	J	500	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7439-96-5	Manganese	623	*	J	1.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-02-0	Nickel	24.1		J	4	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-09-7	Potassium	2050	J	UJ	500	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7782-49-2	Selenium	14.3	U	UJ	3.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-22-4	Silver	4.1	U	UJ	1	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-23-5	Sodium	390	J	J	500	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-28-0	Thallium	10.2	U	UJ	2.5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-62-2	Vanadium	24.8		J	5	mg/kg	0269-SED10-0-6
MBC7A2	Sediment	11/12/2015	1	7440-66-6	Zinc	201	*	J	6	mg/kg	0269-SED10-0-6
MBC7A3	Sediment	11/12/2015	1	7429-90-5	Aluminum	14800	*	J	20	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-36-0	Antimony	1.2	J*	J	6	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.5	*	J	1	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-39-3	Barium	104	*	J	20	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.59	J	J	0.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-43-9	Cadmium	2.0	*	J	0.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-70-2	Calcium	7510	*	J	500	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-47-3	Chromium	58.6	*	J	1	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-48-4	Cobalt	10.0		J	5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-50-8	Copper	92.8	*	J	2.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7439-89-6	Iron	24500	*	J	10	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7439-92-1	Lead	178	*	J	1	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7439-95-4	Magnesium	7040	*	J	500	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7439-96-5	Manganese	441	*	J	1.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-02-0	Nickel	28.2		J	4	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-09-7	Potassium	1650		J	500	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7782-49-2	Selenium	1.4	J	J	3.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-22-4	Silver	1.3	J	J	1	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-23-5	Sodium	179	J	J	500	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-28-0	Thallium	4.3	U	UJ	2.5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-62-2	Vanadium	24.5		J	5	mg/kg	0269-SED10-12-24
MBC7A3	Sediment	11/12/2015	1	7440-66-6	Zinc	327	*	J	6	mg/kg	0269-SED10-12-24
MBC7A4	Sediment	11/12/2015	1	7429-90-5	Aluminum	15300	*	J	20	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-36-0	Antimony	1.5	J*	J	6	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.5	*	J	1	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-39-3	Barium	98.6	*	J	20	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.61	J	J	0.5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-43-9	Cadmium	1.8	*	J	0.5	mg/kg	0269-SED10-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7A4	Sediment	11/12/2015	1	7440-70-2	Calcium	8520	*	J	500	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-47-3	Chromium	55.6	*	J	1	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-48-4	Cobalt	9.7	J	J	5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-50-8	Copper	76.7	*	J	2.5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7439-89-6	Iron	24900	*	J	10	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7439-92-1	Lead	118	*	J	1	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7439-95-4	Magnesium	7620	*	J	500	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7439-96-5	Manganese	594	*	J	1.5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-02-0	Nickel	33.8		J	4	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-09-7	Potassium	1730		J	500	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7782-49-2	Selenium	2.0	J	J	3.5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-22-4	Silver	1.2	J	J	1	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-23-5	Sodium	246	J	J	500	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-28-0	Thallium	7.6	U	UJ	2.5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-62-2	Vanadium	27.6		J	5	mg/kg	0269-SED10-6-12
MBC7A4	Sediment	11/12/2015	1	7440-66-6	Zinc	319	*	J	6	mg/kg	0269-SED10-6-12
MBC7A5	Sediment	11/12/2015	1	7429-90-5	Aluminum	10900	*		20	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7440-36-0	Antimony	12.8	U*D	U	6	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-38-2	Arsenic	4.4	*		1	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-39-3	Barium	31.8	*		20	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.40	J	J	0.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7440-43-9	Cadmium	0.32	J*D	J	0.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-70-2	Calcium	3480	*		500	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-47-3	Chromium	25.2	*		1	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-48-4	Cobalt	8.3			5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7440-50-8	Copper	21.3	*D		2.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7439-89-6	Iron	23500	*D		10	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7439-92-1	Lead	26.5	*D		1	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7439-95-4	Magnesium	6320	*		500	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7439-96-5	Manganese	242	*		1.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	2	7440-02-0	Nickel	19.2	D		4	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-09-7	Potassium	1060			500	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7782-49-2	Selenium	3.7	U	U	3.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-22-4	Silver	1.1	U	U	1	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-23-5	Sodium	87.8	J	J	500	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-28-0	Thallium	2.7	U	U	2.5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-62-2	Vanadium	14.4			5	mg/kg	0269-SED11-0-6
MBC7A5	Sediment	11/12/2015	1	7440-66-6	Zinc	115	*		6	mg/kg	0269-SED11-0-6
MBC7A6	Sediment	11/12/2015	1	7429-90-5	Aluminum	12300	*		20	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7440-36-0	Antimony	26.9	U*D	U	6	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-38-2	Arsenic	1.7	*		1	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-39-3	Barium	24.5	*		20	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.41	J	J	0.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7440-43-9	Cadmium	0.24	J*D	J	0.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-70-2	Calcium	1280	*		500	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-47-3	Chromium	18.9	*		1	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-48-4	Cobalt	8.4			5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7440-50-8	Copper	15.9	*D		2.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7439-89-6	Iron	26800	*D		10	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7439-92-1	Lead	13.3	*D		1	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7439-95-4	Magnesium	6310	*		500	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7439-96-5	Manganese	216	*		1.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	5	7440-02-0	Nickel	22.4	D		4	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-09-7	Potassium	882			500	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7782-49-2	Selenium	3.1	U	U	3.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-22-4	Silver	0.90	U	U	1	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-23-5	Sodium	39.7	J	J	500	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-28-0	Thallium	2.2	U	U	2.5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.4			5	mg/kg	0269-SED11-12-24
MBC7A6	Sediment	11/12/2015	1	7440-66-6	Zinc	89.6	*		6	mg/kg	0269-SED11-12-24
MBC7A7	Sediment	11/12/2015	1	7429-90-5	Aluminum	11400	*		20	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7440-36-0	Antimony	23.7	U*D	U	6	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-38-2	Arsenic	1.9	*		1	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-39-3	Barium	18.6	*		20	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.42			0.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7440-43-9	Cadmium	2.0	U*D	U	0.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-70-2	Calcium	1370	*		500	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-47-3	Chromium	15.7	*		1	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-48-4	Cobalt	7.1			5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7440-50-8	Copper	26.2	*D		2.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7439-89-6	Iron	28400	*D		10	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7439-92-1	Lead	13.4	*D		1	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7439-95-4	Magnesium	6260	*		500	mg/kg	0269-SED11-6-12

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7A7	Sediment	11/12/2015	1	7439-96-5	Manganese	204	*		1.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	5	7440-02-0	Nickel	21.5	D		4	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-09-7	Potassium	648			500	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7782-49-2	Selenium	2.8	U	U	3.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-22-4	Silver	0.79	U	U	1	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-23-5	Sodium	35.2	J	J	500	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-28-0	Thallium	0.40	J	J	2.5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-62-2	Vanadium	12.7			5	mg/kg	0269-SED11-6-12
MBC7A7	Sediment	11/12/2015	1	7440-66-6	Zinc	96.6	*		6	mg/kg	0269-SED11-6-12
MBC7A8	Sediment	11/12/2015	1	7429-90-5	Aluminum	11400	*		20	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7440-36-0	Antimony	33.5	U*D	U	6	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-38-2	Arsenic	6.3	*		1	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-39-3	Barium	99.5	*		20	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.56			0.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7440-43-9	Cadmium	0.26	J*D	J	0.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7440-70-2	Calcium	53000	*D		500	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-47-3	Chromium	18.9	*		1	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-48-4	Cobalt	7.6			5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7440-50-8	Copper	47.5	*D		2.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7439-89-6	Iron	36000	*D		10	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7439-92-1	Lead	125	*D		1	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7439-95-4	Magnesium	29600	*		500	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7439-96-5	Manganese	523	*		1.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	5	7440-02-0	Nickel	24.7	D		4	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-09-7	Potassium	1190			500	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7782-49-2	Selenium	0.73	J	J	3.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-22-4	Silver	1.1	U	U	1	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-23-5	Sodium	117	J	J	500	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-28-0	Thallium	0.73	J	J	2.5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-62-2	Vanadium	17.6			5	mg/kg	0269-SED12-0-6
MBC7A8	Sediment	11/12/2015	1	7440-66-6	Zinc	113	*		6	mg/kg	0269-SED12-0-6
MBC7A9	Sediment	11/12/2015	1	7429-90-5	Aluminum	16900	*		20	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7440-36-0	Antimony	36.3	U*D	U	6	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-38-2	Arsenic	6.3	*		1	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-39-3	Barium	70.6	*		20	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.71			0.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7440-43-9	Cadmium	0.38	J*D	J	0.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-70-2	Calcium	22900	*		500	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-47-3	Chromium	25.5	*		1	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-48-4	Cobalt	11.5			5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7440-50-8	Copper	46.3	*D		2.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7439-89-6	Iron	39600	*D		10	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7439-92-1	Lead	100	*D		1	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7439-95-4	Magnesium	18500	*		500	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7439-96-5	Manganese	638	*		1.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	5	7440-02-0	Nickel	31.6	D		4	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-09-7	Potassium	1310			500	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7782-49-2	Selenium	1.1	J	J	3.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-22-4	Silver	1.2	U	U	1	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-23-5	Sodium	250	J	J	500	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-28-0	Thallium	0.91	J	J	2.5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-62-2	Vanadium	23.3			5	mg/kg	0269-SED12-12-24
MBC7A9	Sediment	11/12/2015	1	7440-66-6	Zinc	162	*		6	mg/kg	0269-SED12-12-24
MBC7B0	Sediment	11/12/2015	1	7429-90-5	Aluminum	12700	*		20	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7440-36-0	Antimony	18.5	U*D	U	6	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-38-2	Arsenic	6.0	*		1	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-39-3	Barium	52.1	*		20	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.58	J	J	0.5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7440-43-9	Cadmium	0.20	J*D	J	0.5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-70-2	Calcium	7690	*		500	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-47-3	Chromium	18.7	*		1	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-48-4	Cobalt	8.6			5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7440-50-8	Copper	33.2	*D		2.5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7439-89-6	Iron	30900	*D		10	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7439-92-1	Lead	71.9	*D		1	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7439-95-4	Magnesium	9500	*		500	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7439-96-5	Manganese	371	*		1.5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	2	7440-02-0	Nickel	25.6	D		4	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-09-7	Potassium	1160			500	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7782-49-2	Selenium	5.4	U	U	3.5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-22-4	Silver	1.5	U	U	1	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-23-5	Sodium	89.1	J	J	500	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-28-0	Thallium	3.8	U	U	2.5	mg/kg	0269-SED12-6-12

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7B0	Sediment	11/12/2015	1	7440-62-2	Vanadium	19.2			5	mg/kg	0269-SED12-6-12
MBC7B0	Sediment	11/12/2015	1	7440-66-6	Zinc	130	*		6	mg/kg	0269-SED12-6-12
MBC7D0	Sediment	11/12/2015	1	7429-90-5	Aluminum	13500	*		20	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7440-36-0	Antimony	2.1	J*D	J	6	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-38-2	Arsenic	5.0	*		1	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-39-3	Barium	43.8	*		20	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-41-7	Beryllium	0.47	J	J	0.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7440-43-9	Cadmium	1.9	*D		0.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-70-2	Calcium	4530	*		500	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-47-3	Chromium	37.0	*		1	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-48-4	Cobalt	9.1			5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7440-50-8	Copper	58.6	*D		2.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7439-89-6	Iron	30400	*D		10	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7439-92-1	Lead	178	*D		1	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7439-95-4	Magnesium	8660	*		500	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7439-96-5	Manganese	341	*		1.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	2	7440-02-0	Nickel	25.3	D		4	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-09-7	Potassium	753			500	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7782-49-2	Selenium	4.5	U	U	3.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-22-4	Silver	1.3	U	U	1	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-23-5	Sodium	57.1	J	J	500	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-28-0	Thallium	0.54	J	J	2.5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-62-2	Vanadium	15.9			5	mg/kg	0269-SED19-12-24
MBC7D0	Sediment	11/12/2015	1	7440-66-6	Zinc	275	*		6	mg/kg	0269-SED19-12-24
MBC7H9		11/12/2015	1	7429-90-5	Aluminum	10200	*		20	mg/kg	
MBC7H9		11/12/2015	2	7440-36-0	Antimony	13.2	U*D	U	6	mg/kg	
MBC7H9		11/12/2015	1	7440-38-2	Arsenic	2.6	*		1	mg/kg	
MBC7H9		11/12/2015	1	7440-39-3	Barium	28.7	*		20	mg/kg	
MBC7H9		11/12/2015	1	7440-41-7	Beryllium	0.34	J	J	0.5	mg/kg	
MBC7H9		11/12/2015	2	7440-43-9	Cadmium	1.1	U*D	U	0.5	mg/kg	
MBC7H9		11/12/2015	1	7440-70-2	Calcium	887	*		500	mg/kg	
MBC7H9		11/12/2015	1	7440-47-3	Chromium	13.8	*		1	mg/kg	
MBC7H9		11/12/2015	1	7440-48-4	Cobalt	7.7			5	mg/kg	
MBC7H9		11/12/2015	2	7440-50-8	Copper	12.3	*D		2.5	mg/kg	
MBC7H9		11/12/2015	2	7439-89-6	Iron	22000	*D		10	mg/kg	
MBC7H9		11/12/2015	2	7439-92-1	Lead	13.7	*D		1	mg/kg	
MBC7H9		11/12/2015	1	7439-95-4	Magnesium	4610	*		500	mg/kg	
MBC7H9		11/12/2015	1	7439-96-5	Manganese	239	*		1.5	mg/kg	
MBC7H9		11/12/2015	2	7440-02-0	Nickel	16.4	D		4	mg/kg	
MBC7H9		11/12/2015	1	7440-09-7	Potassium	765			500	mg/kg	
MBC7H9		11/12/2015	1	7782-49-2	Selenium	3.9	U	U	3.5	mg/kg	
MBC7H9		11/12/2015	1	7440-22-4	Silver	1.1	U	U	1	mg/kg	
MBC7H9		11/12/2015	1	7440-23-5	Sodium	52.2	J	J	500	mg/kg	
MBC7H9		11/12/2015	1	7440-28-0	Thallium	2.8	U	U	2.5	mg/kg	
MBC7H9		11/12/2015	1	7440-62-2	Vanadium	10.6			5	mg/kg	
MBC7H9		11/12/2015	1	7440-66-6	Zinc	57.8	*		6	mg/kg	
LCS001			1	7429-90-5	Aluminum	386			200	ug/L	
LCS001			1	7440-36-0	Antimony	120			60	ug/L	
LCS001			1	7440-38-2	Arsenic	21.3			10	ug/L	
LCS001			1	7440-39-3	Barium	389			200	ug/L	
LCS001			1	7440-41-7	Beryllium	10.0			5	ug/L	
LCS001			1	7440-43-9	Cadmium	9.2			5	ug/L	
LCS001			1	7440-70-2	Calcium	10300			5000	ug/L	
LCS001			1	7440-47-3	Chromium	20.2			10	ug/L	
LCS001			1	7440-48-4	Cobalt	94.7			50	ug/L	
LCS001			1	7440-50-8	Copper	47.4			25	ug/L	
LCS001			1	7439-89-6	Iron	220			100	ug/L	
LCS001			1	7439-92-1	Lead	17.3			10	ug/L	
LCS001			1	7439-95-4	Magnesium	10500			5000	ug/L	
LCS001			1	7439-96-5	Manganese	30.9			15	ug/L	
LCS001			1	7440-02-0	Nickel	75.3			40	ug/L	
LCS001			1	7440-09-7	Potassium	10200			5000	ug/L	
LCS001			1	7782-49-2	Selenium	71.3			35	ug/L	
LCS001			1	7440-22-4	Silver	20.4			10	ug/L	
LCS001			1	7440-23-5	Sodium	10700			5000	ug/L	
LCS001			1	7440-28-0	Thallium	49.6			25	ug/L	
LCS001			1	7440-62-2	Vanadium	97.7			50	ug/L	
LCS001			1	7440-66-6	Zinc	118			60	ug/L	
LCS002			1	7429-90-5	Aluminum	41.7			20	mg/kg	
LCS002			1	7440-36-0	Antimony	11.3			6	mg/kg	
LCS002			1	7440-38-2	Arsenic	1.8			1	mg/kg	
LCS002			1	7440-39-3	Barium	38.6			20	mg/kg	
LCS002			1	7440-41-7	Beryllium	1.0			0.5	mg/kg	

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
LCS002			1	7440-43-9	Cadmium	0.89			0.5	mg/kg	
LCS002			1	7440-70-2	Calcium	1030			500	mg/kg	
LCS002			1	7440-47-3	Chromium	2.0			1	mg/kg	
LCS002			1	7440-48-4	Cobalt	9.3			5	mg/kg	
LCS002			1	7440-50-8	Copper	4.8			2.5	mg/kg	
LCS002			1	7439-89-6	Iron	20.6			10	mg/kg	
LCS002			1	7439-92-1	Lead	1.7			1	mg/kg	
LCS002			1	7439-95-4	Magnesium	1030			500	mg/kg	
LCS002			1	7439-96-5	Manganese	3.0			1.5	mg/kg	
LCS002			1	7440-02-0	Nickel	7.4			4	mg/kg	
LCS002			1	7440-09-7	Potassium	1020			500	mg/kg	
LCS002			1	7782-49-2	Selenium	6.7			3.5	mg/kg	
LCS002			1	7440-22-4	Silver	1.9			1	mg/kg	
LCS002			1	7440-23-5	Sodium	1060			500	mg/kg	
LCS002			1	7440-28-0	Thallium	4.6			2.5	mg/kg	
LCS002			1	7440-62-2	Vanadium	9.6			5	mg/kg	
LCS002			1	7440-66-6	Zinc	11.4			6	mg/kg	
MBC763S	DI Water	11/12/2015	1	7429-90-5	Aluminum	2240			200	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-36-0	Antimony	101			60	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-38-2	Arsenic	41.1			10	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-39-3	Barium	2030			200	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-41-7	Beryllium	50.9			5	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-43-9	Cadmium	48.5			5	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-47-3	Chromium	208			10	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-48-4	Cobalt	495			50	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-50-8	Copper	252			25	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7439-89-6	Iron	1100			100	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7439-92-1	Lead	20.6			10	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7439-96-5	Manganese	538			15	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-02-0	Nickel	496			40	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7782-49-2	Selenium	101			35	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-22-4	Silver	52.9			10	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-28-0	Thallium	52.4			25	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-62-2	Vanadium	498			50	ug/L	0269-RIN04
MBC763S	DI Water	11/12/2015	1	7440-66-6	Zinc	506			60	ug/L	0269-RIN04
MBC798S	Sediment	11/12/2015	1	7440-36-0	Antimony	11.8	J*	J	6	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-38-2	Arsenic	63.8	*		1	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-39-3	Barium	999			20	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-41-7	Beryllium	24.4			0.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-43-9	Cadmium	26.3			0.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-47-3	Chromium	1440			1	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-48-4	Cobalt	225			5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-50-8	Copper	257	*		2.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7439-92-1	Lead	272			1	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7439-96-5	Manganese	618	*		1.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-02-0	Nickel	237			4	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7782-49-2	Selenium	43.7			3.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-22-4	Silver	22.2			1	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-28-0	Thallium	21.5			2.5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-62-2	Vanadium	245			5	mg/kg	0269-SED08-6-12
MBC798S	Sediment	11/12/2015	1	7440-66-6	Zinc	821	*		6	mg/kg	0269-SED08-6-12
PBS002			1	7429-90-5	Aluminum	20.0	U	U	20	mg/kg	
PBS002			1	7440-36-0	Antimony	6.0	U	U	6	mg/kg	
PBS002			1	7440-38-2	Arsenic	1.0	U	U	1	mg/kg	
PBS002			1	7440-39-3	Barium	20.0	U	U	20	mg/kg	
PBS002			1	7440-41-7	Beryllium	0.50	U	U	0.5	mg/kg	
PBS002			1	7440-43-9	Cadmium	0.50	U	U	0.5	mg/kg	
PBS002			1	7440-70-2	Calcium	500	U	U	500	mg/kg	
PBS002			1	7440-47-3	Chromium	1.0	U	U	1	mg/kg	
PBS002			1	7440-48-4	Cobalt	5.0	U	U	5	mg/kg	
PBS002			1	7440-50-8	Copper	2.5	U	U	2.5	mg/kg	
PBS002			1	7439-89-6	Iron	10.0	U	U	10	mg/kg	
PBS002			1	7439-92-1	Lead	1.0	U	U	1	mg/kg	
PBS002			1	7439-95-4	Magnesium	500	U	U	500	mg/kg	
PBS002			1	7439-96-5	Manganese	1.5	U	U	1.5	mg/kg	
PBS002			1	7440-02-0	Nickel	4.0	U	U	4	mg/kg	
PBS002			1	7440-09-7	Potassium	500	U	U	500	mg/kg	
PBS002			1	7782-49-2	Selenium	3.5	U	U	3.5	mg/kg	
PBS002			1	7440-22-4	Silver	1.0	U	U	1	mg/kg	
PBS002			1	7440-23-5	Sodium	500	U	U	500	mg/kg	
PBS002			1	7440-28-0	Thallium	2.5	U	U	2.5	mg/kg	
PBS002			1	7440-62-2	Vanadium	5.0	U	U	5	mg/kg	
PBS002			1	7440-66-6	Zinc	6.0	U	U	6	mg/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
PBW001			1	7429-90-5	Aluminum	200	U	U	200	ug/L	
PBW001			1	7440-36-0	Antimony	60.0	U	U	60	ug/L	
PBW001			1	7440-38-2	Arsenic	10.0	U	U	10	ug/L	
PBW001			1	7440-39-3	Barium	200	U	U	200	ug/L	
PBW001			1	7440-41-7	Beryllium	5.0	U	U	5	ug/L	
PBW001			1	7440-43-9	Cadmium	5.0	U	U	5	ug/L	
PBW001			1	7440-70-2	Calcium	5000	U	U	5000	ug/L	
PBW001			1	7440-47-3	Chromium	10.0	U	U	10	ug/L	
PBW001			1	7440-48-4	Cobalt	50.0	U	U	50	ug/L	
PBW001			1	7440-50-8	Copper	25.0	U	U	25	ug/L	
PBW001			1	7439-89-6	Iron	100	U	U	100	ug/L	
PBW001			1	7439-92-1	Lead	10.0	U	U	10	ug/L	
PBW001			1	7439-95-4	Magnesium	5000	U	U	5000	ug/L	
PBW001			1	7439-96-5	Manganese	15.0	U	U	15	ug/L	
PBW001			1	7440-02-0	Nickel	40.0	U	U	40	ug/L	
PBW001			1	7440-09-7	Potassium	5000	U	U	5000	ug/L	
PBW001			1	7782-49-2	Selenium	35.0	U	U	35	ug/L	
PBW001			1	7440-22-4	Silver	10.0	U	U	10	ug/L	
PBW001			1	7440-23-5	Sodium	5000	U	U	5000	ug/L	
PBW001			1	7440-28-0	Thallium	25.0	U	U	25	ug/L	
PBW001			1	7440-62-2	Vanadium	50.0	U	U	50	ug/L	
PBW001			1	7440-66-6	Zinc	60.0	U	U	60	ug/L	
MBC798A	Sediment	11/12/2015	1	7440-36-0	Antimony	117			60	ug/L	0269-SED08-6-12
MBC798A	Sediment	11/12/2015	1	7440-38-2	Arsenic	94.9			10	ug/L	0269-SED08-6-12
MBC798A	Sediment	11/12/2015	1	7440-50-8	Copper	284			25	ug/L	0269-SED08-6-12
MBC798A	Sediment	11/12/2015	1	7439-96-5	Manganese	911			15	ug/L	0269-SED08-6-12
MBC798A	Sediment	11/12/2015	1	7440-66-6	Zinc	1090			60	ug/L	0269-SED08-6-12
MBC763D	DI Water	11/12/2015	1	7439-97-6	Mercury	0.039	J		0.2	ug/L	0269-RIN04
MBC798D	Sediment	11/12/2015	50	7439-97-6	Mercury	68.0	D*	J	0.1	mg/kg	0269-SED08-6-12
MBC763	DI Water	11/12/2015	1	7439-97-6	Mercury	0.048	J*	J	0.2	ug/L	0269-RIN04
MBC794	Sediment	11/12/2015	1	7439-97-6	Mercury	0.29	J	U	0.1	mg/kg	0269-SED07-12-24
MBC795	Sediment	11/12/2015	1	7439-97-6	Mercury	0.21		U	0.1	mg/kg	0269-SED07-6-12
MBC796	Sediment	11/12/2015	20	7439-97-6	Mercury	35.5	*D	J	0.1	mg/kg	0269-SED08-0-6
MBC797	Sediment	11/12/2015	1	7439-97-6	Mercury	0.52	J	UJ	0.1	mg/kg	0269-SED08-12-24
MBC798	Sediment	11/12/2015	50	7439-97-6	Mercury	109	*D	J	0.1	mg/kg	0269-SED08-6-12
MBC799	Sediment	11/12/2015	1	7439-97-6	Mercury	5.1		J	0.1	mg/kg	0269-SED09-0-6
MBC7A0	Sediment	11/12/2015	10	7439-97-6	Mercury	25.6	*D	J	0.1	mg/kg	0269-SED09-12-24
MBC7A1	Sediment	11/12/2015	10	7439-97-6	Mercury	48.7	*D	J	0.1	mg/kg	0269-SED09-6-12
MBC7A2	Sediment	11/12/2015	1	7439-97-6	Mercury	0.75	J	UJ	0.1	mg/kg	0269-SED10-0-6
MBC7A3	Sediment	11/12/2015	1	7439-97-6	Mercury	1.4		J	0.1	mg/kg	0269-SED10-12-24
MBC7A4	Sediment	11/12/2015	1	7439-97-6	Mercury	0.96		J	0.1	mg/kg	0269-SED10-6-12
MBC7A5	Sediment	11/12/2015	1	7439-97-6	Mercury	0.25	J	U	0.1	mg/kg	0269-SED11-0-6
MBC7A6	Sediment	11/12/2015	1	7439-97-6	Mercury	0.23	J	U	0.1	mg/kg	0269-SED11-12-24
MBC7A7	Sediment	11/12/2015	1	7439-97-6	Mercury	0.20	J	U	0.1	mg/kg	0269-SED11-6-12
MBC7A8	Sediment	11/12/2015	1	7439-97-6	Mercury	0.29	J	U	0.1	mg/kg	0269-SED12-0-6
MBC7A9	Sediment	11/12/2015	1	7439-97-6	Mercury	0.32	J	U	0.1	mg/kg	0269-SED12-12-24
MBC7B0	Sediment	11/12/2015	1	7439-97-6	Mercury	0.18			0.1	mg/kg	0269-SED12-6-12
MBC7D0	Sediment	11/12/2015	1	7439-97-6	Mercury	1.2			0.1	mg/kg	0269-SED19-12-24
MBC7H9		11/12/2015	1	7439-97-6	Mercury	0.24	J	U	0.1	mg/kg	
MBC763S	DI Water	11/12/2015	1	7439-97-6	Mercury	0.39	*		0.2	ug/L	0269-RIN04
MBC798S	Sediment	11/12/2015	50	7439-97-6	Mercury	52.1	D		0.1	mg/kg	0269-SED08-6-12
PBS002			1	7439-97-6	Mercury	0.12	U	U	0.1	mg/kg	
PBW003			1	7439-97-6	Mercury	0.043	J	J	0.2	ug/L	
OQ90139-001MB			1	7439-97-6	Mercury	0.0068	J	J	0.1	mg/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC763_S3VEM.xls).

REFERENCE 51

United States
Environmental Protection
Agency

Solid Waste and
Emergency Response

EPA 540-F-94-028
OSWER 9285.7-14FS
PB94-963311
November 1996

Using Qualified Data to Document an Observed Release and Observed Contamination

Office of Emergency and Remedial Response (5204G)

Quick Reference Fact Sheet

This fact sheet discusses the use of the U.S. Environmental Protection Agency's (EPA) Contract Laboratory Program (CLP) data and other sources of data qualified with a "J", "U", or "UJ" qualified or flag. This guidance provides a management decision tool for the optional use of qualified data to document all observed release and observed contamination by chemical analysis under EPA's Hazard Ranking System (HRS). The analyte and sample matrix (i.e., soil or water) specific adjustment factors given in this fact sheet allow biased CLP and non-CLP data to be adjusted to meet the HRS criteria documenting an observed release and observed contamination with data that are of known and documented quality. This fact sheet does not address using qualified data for identifying hazardous substances in a source.

INTRODUCTION

The EPA established the HRS to rank hazardous waste sites for National Priorities List (NPL) purposes under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act of 1986 **(SARA).** This fact sheet was developed in response to a need to determine the usability of qualified data for site assessment and HRS scoring purposes. This fact sheet illustrates that qualified data are often of sufficiently known and documented quality, and may be used in establishing an observed release and observed contamination. This fact sheet explains rationale for why some qualified data may be used for HRS purposes; presents the background information needed to use qualified data, with and without adjustment factors; provides examples of qualified data use, and discusses issues raised during the development of the adjustment factor approach.

Under the HRS, chemical analytical data we are often used to demonstrate an observed release and observed contamination when the release sample concentration is three times the background concentration and background levels are greater than or equal to the appropriate detection limit; or if the release sample concentration is greater than or equal to the appropriate quantitation limit when background levels are below the appropriate detection limit. The release must also be at least partially attributable to the site under investigation *(Hazard Ranking System, Final Rule, 40* CFR Part 300, App. A). The data used to establish the release must be of known and documented quality. *(Hazard Ranking System Guidance Manual,* Interim Final, November 1992, OSWER Directive 9345.1-07). Data that cannot be validated may not be of known and documented quality. For more information on observed release and observed contamination, refer to the fact sheets: *Establishing an Observed Release,* September 1995, PB94-963314; *Establishing Areas of Observed Contamination.* September 1995, PB94-963312; and *Establishing Background Levels,* September 1995, PB94–963313. The factor of three represents the minimum difference in sample results that demonstrate an increase in contaminant concentration above background levels, with reasonable confidence.

Although much of the analytical data used for identifying an observed release is generated under EPA's CLP, this fact sheet applies to all data regardless of the source of the data (non-CLP data). EPA procedures require that

CLP analytical data be reviewed, or validated by EPA or third party reviewers, to ensure the data are of known and documented quality and that the determination be discussed in a data validation report that accompanies the analytical results. Based on this data validation, CLP data are classified into three categories: (1) data for which all quality control (QC) requirements have passed contract required acceptance criteria, (2) data for which at least one QC requirement has not met acceptance criteria; and (3) data for which most or all QC requirements have not met acceptance criteria. Data in the first category typically are not qualified. Data in the second category are often qualified with a "J" qualifier and, as discussed in this fact sheet, are usually usable for HRS purposes. Data in the third category are usually qualified by an "R" qualifier and are not usable for HRS purposes.

Whether data are placed into the second or third category is determined by the amount of bias associated with. the analytical results. Data validation evaluates biases resulting from laboratory analytical deficiencies or sample matrices to determine whether the data are usable. Bias indicates that the reported concentration is either higher or lower than the am concentration, and the data validation report identifies the direction of the bias or if the bias is unknown.

The EPA CLP also sets minimum quantitation limits for all analytes; the Contract Required Quantitation Limit (CRQL) for organic analytes and the Contract Required Detection Limit (CRDL) for inorganic analytes. For HRS purposes and for this fact sheet, the term CRQL refers to both the contract required quantitation limit and am contract required detection limit. (40 CFR Part 300, App. A). The CRQLs are substance specific levels that a CLP laboratory must be able to routinely and reliably detection specific sample matrices (i.e.; soil, water. sediment). The CRQLs are usually set above most instrument detection limits (IDLs) and method detection limits (MDLs).

CONSIDERATIONS FOR NON-CLP DATA

Because various laboratories and analytical methods may be used to develop non-CLP data, the following list provides the general information, sufficient for determining whether non-CLP data are usable for HRS Purposes.

(1) Identification of the method used for analysis. Methods include RCRA methods, SW-846, EPA methods, etc.

(2) Quality control (QC) data. Check each method of analysis to determine if specific QC requirements are defined. If not, seek out another method.

(3) Instrument-generated data sheets for sample results. These data sheets would be the equivalent of Form I's in CLP data.

(4) MDLs and sample quantitation limits (SQLs). The analytical method should provide the MDL. The SQL is an adjusted MDL using sample specific measurements such as percent moisture and weight.

(5) Data validation report.

USE OF BIASED QUALIFIED DATA

In the past, all qualified data have been inappropriately perceived by some people as data of low confidence or poor quality and have not been used for HRS evaluation. With careful assessment of the nature of the analytical biases or QC deficiencies in the data on a case-by-case basis, qualified data can represent an additional resource of data for establishing an observed release. Further, the D.C. District Court of Appeals in 1996 upheld EPA's case-by-case approach to assess data quality. In reviewing the use of qualified data to identify an observed release, the Court stated that if there are deficiencies in the data, "...the appropriate response is to review the deficiencies an a 'case-by-case basis' to determine their impact on 'usability of the data.'" The Court also stated with regards to data quality that, "...EPA does not face a standard of absolute perfection .... Rather, it is statutorily required to 'assure, to the maximum extent *feasible*,' that it 'accurately assesses the relative degree of risk' posed by sites" [*Board of Regents of the University of Washington, et al., v. EPA,* No.95-1324, slip op. at 8-10 (D.C. Cir. June 25, 1996).]

As discussed in this fact sheet, the application of adjustment factors to "J" qualified data can serve as a management decision tool to "adjust," or take into account, the analytical uncertainty in the data indicated by the qualifier, thereby making qualified data usable for HRS evaluation. The use of adjustment factors to account for the larger uncertainty in "J" qualified data is a conservative approach enabling a quantitative comparison of the data for use in documenting an observed release. It should be noted that the use of

adjustment factors only addresses analytical variability and does not take into account variabilities which may be introduced during field sampling. Some guidelines for using the adjustment factor approach are discussed in Exhibit 1.

CLP QA/QC PROCEDURES

CLP qualifiers are applied to analytical data based on the results of various Quality Assurance/Quality Control (QA/QC) procedures used at the laboratory. EPA analytical methods use a number of QA/QC mechanisms during sample analysis in order to assess qualitative and quantitative accuracy *(Contract Laboratory Program Statement of Work for Inorganic Analyses,* Document No. ILM02.0; *Contract Laboratory Program Statement of Work for Organic Analyses,* Document No. OLM1.8; *Quality Assurance/Quality Control Samples,* Environmental Response Team Quality Assurance Technical Information Bulletin; *Test Methods for Evaluating Solid Waste (SW-846): Physical and Chemical Methods,* Document No. SW-846). To assess data quality, the laboratory uses matrix spikes, matrix spike duplicates, laboratory control samples , surrogates, blanks, laboratory duplicates, and quarterly blind performance evaluation (PE) samples. The Agency assumes that if biases are found in the QA/QC samples, the field sample concentrations may also be biased.

Surrogates are chemically similar to the analytes of interest. They are added or "spiked" at a known concentration into the field samples before analysis. Also, selected target analytes are "spiked" into samples at a specified frequency to assess potential interferences from the sample matrix. These samples are called matrix spikes. Comparison of the known concentration of the surrogates and matnx spikes with their actual analytical results reflects the analytical accuracy. Because the surrogates are expected to behave similarly to the target analytes, they may indicate bias caused by interferences from the sample matrices. These type of interferences from the sample matrix are known as matrix effects *(CPL National Functional Guidelines for Inorganic Data Review,* Publication, 9240.1-05-01; *CLP National Functional Guidelines for Orgainic Data Review,* Publication 9240.1-05; *Test Methods for Evaluating Solid Waste (SW-846): Physical and Chemical Methods,* Document No. SW-846).

Laboratory control samples are zero blind samples which contain known concentrations of specific analytes and are analyzed in the same batch as field samples. Their results are used to measure laboratory accuracy. Blanks are analyzed to detect any extraneous contamination introduced either in the field or in the laboratory.

Laboratory duplicates are created when one sample undergoes two separate analyses. The duplicate results are compared to determine laboratory precision. Quarterly blind PE samples are single blind samples that evaluate the laboratory's capability of performing the specified analytical protocol.

CLP and other EPA analytical methods include specifications for acceptable analyte identification, target analytes, and minimum and maximum percent recovery of the QA/QC compounds. Data are validated according to guidelines which set performance criteria for instrument calibration, analyte identification, and identification and recovery of QA/QC compounds *(CLP Statement of Work and SW-846).* The *National Functional Guidelines for Data R*eview, EPA validation, was designed for the assessment of data generated under the CLP organic and inorganic analytical protocols *(CLP Statement of Work; National Functional Guidelines for Data Review).* The guidelines do not preclude the validation of field and other non CLP data. Thus, many EPA Regions have also adapted the *National Functional Guidelines for Data Review* to validate non-CLP data. Data which do not meet the guidelines' performance criteria are qualified to indicate bias or QA/QC deficiencies. The data validation report usually explains why the data were qualified and indicates the bias direction when it can be determined. Validated data that are not qualified are considered unbiased and can be used at their reported numerical value for HRS evaluation.

QUALIFIER DEFINITIONS

Most EPA validation guidelines use the data qualifiers presented in Exhibit 2 *(CLP National Functional Guidelines for Data Review).* Other qualifiers besides these may be used; the validation report should always be checked for the exact list of qualifiers and their meanings.

It should be emphasized that not meeting one or some of the contract required QA/QC acceptance criteria is often an indication that the sample was difficult to analyze, not that there is low confidence in the analysis (i.e., the

EXHIBIT 1 GUIDELINES FOR THE USE OF ADJUSTMENT FACTORS	
!	The use of adjustment factors identified in this fact sheet is a management tool for the optional use of "J" qualified data generated under CLP or other sources of data to document an observed release.
!	Adjustment qualified data should be used with non-qualified data whenever possible.
!	EPA maintains a "worst sites first" policy for placing sites on the NPL (*Additional Guidance on "Worst Sites" and "NPL Caliber Sites" to assist in SACM Implementation,* OSWER Directive 9320.2-07).
!	EPA Regions should use adjustment factors with discretion on a case-by-case basis and should always carefully consider the use of qualified data in borderline cases.
!	Resampling and/or reanalysis may be warranted if qualified data do not appear adequate to document an observed release.
!	EPA Regions may substitute higher adjustment factors based on documented, justifiable reasons but may never use a lower adjustment factor value.
!	The adjustment factors should only be applied to analytes listed in the tables. These adjustment factors should not be interpolated or extrapolated to develop factors for analytes not listed in the tables.
!	The adjustment factors apply only to "J" qualified data above the CRQL.
!	Detection below the CRQL is treated as non-quantifiable for HRS purposes.
!	"UJ" data may be used under strict circumstances as explained in this fact sheet.
!	The adjustment factors only apply to biased "J" qualified data, not to other "J" qualified data.
!	The adjustment factors do not apply to "N", "NJ", or "R" qualified data. These data can not be used to document an observed release for HRS purposes.

analysis is "under control" and can be adequate for HRS decision making). Often "J", "U", and "UJ" qualified data fall into this category.

There are instances when qualified data cannot be used since the uncertainty of the results is unknown. For example, violations of laboratory instrument calibration and tuning requirements, and gross violations of holding times reflect the possibility that the results are of unknown quality (i.e., the analysis is "out of control"). Most often these data would be qualified with an "R" or an "N" (not usable for HRS purposes).

USING "U" QUALIFIED DATA

The "U" qualifier simply means that the reported concentration of the analyte was at or below the CRQL-- there can be confidence that the true concentration is at or below the quantitation limit. Therefore, "U" qualified data can be used for establishing background levels. If the release sample concentration is above this level, as specified in the HRS, an observed release can be established. The quantitation limit for that analyte could be used as a maximum background concentration if a more conservative background level seems appropriate.

USING "J" QUALIFIED DATA

As discussed previously, some "J" qualified data can be used in establishing an observed release if the uncertainty in the reported values is documented. Qualified data should always be carefully examined by the Regions to determine the reasons for qualification before use in HRS evaluation. Resampling and/or reanalysis may be warranted if qualified data only marginally document an observed release. Whenever possible, qualified data should be used in conjunction with non-qualified data.

As described in Exhibit 2, "J" qualified data indicates that bias has been detected in the sample analysis and although the analyte is definitively present, the reported concentration is an estimate. Depending on the reasons and the direction of bias, with the use of adjustment factors, "J" qualified data can represent data of known and documented quality sufficient for use in establishing an observed release and observed contamination under the HRS.

USING "UJ" QUALIFIED DATA

A combination of the "U" and "J" qualifiers indicates that the reported value may not accurately represent the concentration necessary to positively detect the analyte in the sample. Under limited conditions, "UJ" qualified data can be used to represent background concentrations for establishing an observed release. These conditions are: instances when there is confidence that the background concentration is not detectable above the CRQL, the background concentration is biased high, and the sample measurement establishing the observed release equals or exceeds the CRQL.

DIRECTION OF BIAS IN "J" QUALIFIED DATA

It is important to understand the direction of bias associated with "J" qualified data before using the data to document an observed release. Qualified data may have high, low, or unknown bias. A low bias means that the reported concentration is likely an underestimate of the true concentration. For example, data may be biased low when sample holding times for volatile organic compounds (VOCs) are moderately exceeded or when recovery of QA/QC compounds is significantly less than the amount introduced into the sample. Low surrogate recovery would also indicate a low bias. A high bias means the reported concentration, is likely an overestimate of the true concentration. For example, data may be biased high when recovery of QA/QC compounds is significantly higher than the amount in the sample. A bias is unknown when it is impossible to ascertain whether the concentration is an overestimate or an underestimate. For example, an unknown bias could result when surrogate recoveries exceed method recovery criteria and matrix spike/matrix spike duplicate compounds below method recovery criteria fail the relative percent difference (RPD) criteria in the same sample.

Despite the bias, certain qualified data may be used without application of adjustment factors for determining an observed release under certain circumstances. The following examples are of using "J" qualified data without adjustment factors:

- Low bias release samples are likely to be underestimates of true concentrations. If the reported concentration of a low bias release sample is three times above unbiased background levels, these release samples would still meet the HRS criteria. The true concentrations would still be three times above the background level.

- High bias background samples are likely to be overestimates of true concentrations. If the reported concentration of unbiased release samples are three times above the reported background concentration, they would still meet the HRS observed release criteria because they would still be three times above the true background concentration.

The above examples show that both low bias "J" qualified release samples at their reported concentrations and high bias "J" qualified background samples may be used at their reported concentrations in these situations.

High bias release samples may not be used at their reported concentrations because they are an overestimate of true concentrations in this situation; resampling and/or re-analysis of the release samples should be considered. The true difference in the background and release concentration may be less than the HRS criteria for establishing an observed release. The reported concentration for low bias background concentrations may not be compared to release samples because it is most likely an underestimate of background level; the release sample concentration may not significantly exceed the true background concentration. However, in lieu of re-sampling and/or re-analysis, high bias release data and low bias background data may be used with adjustment factors which compensate for the probable uncertainty in the analyses.

ADJUSTMENT FACTORS FOR BIASED "J" QUALIFIED DATA

Applying adjustment factors to "J" qualified data will enable EPA to be more confident that the increase in contaminant concentrations between the background and

EXHIBIT 2 EPA CLP DATA QUALIFIERS AND THEIR USABILITY FOR DOCUMENTING AN OBSERVED RELEASE	
Usable*	**Not Usable**
"U" The substance or analyte was analyzed for, but no quantifiable concentration was found at or above the CRQL *(CLP National Functional Guidelines for Data Review).*	**"N"** The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification" *(CLP National Functional Guidelines for Data Review).*
"J" The analyte was positively identified-the associated numerical value is the approximate concentration of the analyte in the sample. The "J" qualifier indicates that one or more QA/QC requirements have not met contact required acceptance criteria but the instrumentation was functioning properly during the analysis. For example, a "J" qualifier may indicate that the sample was difficult to analyze or that the value may lay near the low end of the linear range of the instrument. "J" data are considered biased, but provide definitive analyte identification *(CLP National Functional Guidelines for Data Review).*	**"R"** The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte can not be verified and the result has been rejected. A sample result may be qualified with an "R" qualifier when the instrument did not remain "in control" or the stability or sensitivity of the instrument were not maintained during the analysis *(CLP National Functional Guidelines for Data Review).*
"UJ" The analyte was not quantifiable at or above the CRQL. In addition to not being quantifiable, one or more QA/QC requirements have not met contract acceptance criteria *(CLP Functional Guidelines for Data Review).*	**"NJ"** The analysis indicates the presence of the analyte that has een "tentatively identified" and the associated numerical value represents it's approximate concentration (CLP *National Functional Guidelines for Data Review).*

* Usable under certain circumstances as explained in this fact sheet.

release samples is due to a release. The adjustment factors are applied as "safety factors" to compensate for analytical uncertainty, allowing biased data to be used for determining an observed release. Dividing the high bias result by an adjustment factor deflates it from the high end of the acceptable range towards a low bias value. Multiplying a low bias concentration by an adjustment factor inflates it to the high end of the acceptable range.

Tables 1 through 4 (pages 11 - 18) present analyte and matrix-specific adjustment factors to address the analytical uncertainty when determining an observed release using high bias release samples and low bias background data. The factors am derived from percent recoveries of matrix spikes, surrogates, and laboratory control samples in the CLP Analytical. Results Database (CARD) from January 1991 to March 1996. A total of 32,447 samples were reviewed for volatile organic analytes; 32,913 samples for semivolatile organic analytes; 59,508 samples for pesticides/PCB analytes; and 5,954 samples for inorganic analytes.

The range of CARD data for each analyte includes 97 percent of all percent recoveries in the database, discarding outliers. The adjustment factors are ratios of percent recovery values at the 98.5 and 1.5 percentiles. The ratios generally show a consistent pattern.

Adjustment factors have been determined for all analytes in the CLP Target Compound List (organic analytes) and Target Analyte List (inorganic analytes). A tiered approach was used to derive the organic adjustment factors. Percent recoveries for surrogates were

examined first, followed by matrix spike recoveries. When both matrix spike and surrogate data were available for the same analyte, the larger adjustment factor (representing more extreme high and low percent recoveries) was used. Laboratory control samples were used to calculate the inorganic adjustment factors. Quarterly blind sample data were not used to determine adjustment factors because of the small data set available. A default adjustment factor of 10 was used for analytes when percent recovery data were unavailable.

Adjustment factors do not correct the biased sample concentration to its true value, as such "correction" is not possible. CARD data do not differentiate and quantify individual sources of variation. Instead, the ratio of percentile used to develop adjustment factors represent a "worst-case" scenario. Adjustment factors either inflate background values to the high end of the range or deflate release data to the low end. Therefore, adjustment factors compensate or adjust for the apparent analytical variability when comparing a high bias value to a low bias value (see Exhibit 3).

USING THE ADJUSTMENT FACTORS

This section of the fact sheet demonstrates how adjustment factors can be used with "J" qualified data for HRS scoring purposes, including documentation and detection limit issues.

Documentation Requirements for Using Qualified Data

In using "J" qualified data to determine an observed release, include a discussion of "J" qualifiers from the data validation report and cite it as a reference in the site assessment report or HRS documentation record. If adjustment factors are applied to "J" qualified data, reference and cite this fact sheet. These steps will ensure that the direction of bias is documented and will demonstrate how biases have been adjusted.

Detection Limit Restrictions

Adjustment factors may only be applied to "J" qualified data with concentrations above the CLP CRQL for organics or CRDL for inorganics. "J" qualified data with concentrations below the CRQL can not be used to document an observed release except as specified in the previous section entitled "Using "UJ" Qualified Data."

Application of Factors

Exhibit 3 shows how to apply the factors to "J" qualified data. Multiply low bias background sample results by the analyte-specific adjustment factor or the default factor 10 when analyte-specific adjustment factor is not available. The resulting new background value effective becomes a high bias value that may be used to determine an observed release. Divide high bias release sample data by the analyte-specific adjustment factor or the default factor of 10 when an analyte-specific adjustment factor is not available. The resulting new release sample value effectively becomes a low bias value that may be used to determine an observed release.

Note: High bias background data, low bias release data, and unbiased data may be used at their reported concentrations.

Note: Adjusted release and background values must still meet HRS criteria (e.g., release concentration must be at, least three times above background level) to determine an observed release.

Examples Using Trichloroethene in Soil and Water

1. *Release water sample is unbiased, background water sample is unbiased but all data are qualified with a "J" due to an contractual laboratory error no: analytical error.*

Background sample value: 12Fg/L (J) *no bias*
Release sample value: 40 Fg/L (J) *no bias*

The CRQL for trichloroethene is 10 Fg/Kg for soil and 10 Fg/L for water.

In this example, the qualification of the data is not related to bias in the reported concentrations. Thus, using adjustment factors is not needed and an observed release is established if all other criteria are met.

2. *Release soil sample data is biased low, background soil sample data is biased high.*

Background sample value: 12 Fg/Kg (J) high bias
Release sample value: 40 Fg/Kg (J) low bias

In this example, the direction of bias indicates that the. true release value may be higher and the true background value may be lower than reported values. The release sample concentration still exceeds background by more than three times, so an observed release is established, provided all other HRS criteria are met. Using adjustment factors is not needed.

EXHIBIT 3 USE OF ADJUSTMENT FACTORS FOR "J" QUALIFIED DATA		
Type of Sample	**Type of Bias**	**Action Required**
Background Sample	No Bias	None: Use concentration without factor
	Low Bias	Multiply concentration by factor
	High Bias	None: Use concentration without factor
	Unknown Bias	Multiply concentration by factor
Release Sample	No Bias	None: Use concentration without factor
	Low Bias	None: Use concentration without factor
	High Bias	Divide concentration by factor
	Unknown Bias	Divide concentration by factor

3. *Release soil sample data is unbiased, background soil sample is biased low.*

Background sample value: 12 Fg/Kg (J) *low bias*
Release sample value: 30 Fg/Kg *no bias*

In this example, the true background value is assumed to be less than the reported value; however, an observed release may still be possible. To use the data to establish an observed release, multiply the background sample data value by the adjustment factor given for trichloroethene in soil (2.11). No adjustment factor is needed for the release sample.

New background sample value:
(12 Fg/Kg) x (2.11) = 25.32 Fg/Kg (J) *high bias*

The release sample concentration does not meet or exceed the new background level by three time, so an observed release is not established.

4. *Release water sample data is biased high, background water sample data is unbiased.*

Background sample value: 15 Fg/L *no bias*
Release sample value: 70 Fg/L (J) *high bias*

In this example, the true release value may be lower than the reported value; however, an observed release may still be possible. To use the data to establish an observed release divide the release sample by the adjustment factor for trichloroethene in water (1.66). No adjustment factor is needed for the background sample.

New release sample value:
(70 Fg/L) ÷ (1.66) ~ 42.17 Fg/L (J) *low bias*

The new release sample concentration does not meet or exceed the background level by three times, so an observed release is not established.

5. *Release soil sample data has unknown bias; background soil sample data has unknown bias.*

The following example is the most conservative approach to using adjustment factors with qualified data.

Background sample value: 20 Fg/Kg (J) *unknown bias*
Release sample value: 325 Fg/Kg (J) *unknown bias*

In this example, it is not possible to determine from the reported values if an observed release is possible. To use the data to establish an observed release, divide the release sample value and multiply the background sample value by the adjustment factor given for trichloroethene in soil (2.11).

New release sample value:
(325 Fg/Kg) ÷ (2.11) = 154.03 Fg/Kg (J) *low bias*

New background sample value:
(20 Fg/Kg) x (2. 11) = 42.2 Fg/Kg (J) *high bias*

The new release sample is at least three times the new background concentration, so an observed release is established, provided all other HRS criteria are met.

ISSUES WITH USING ADJUSTMENT FACTOR APPROACH

Some issues were raised regarding the application of adjustment factors to qualified data during the Agency's internal review process.

One issue is that "J" qualifiers are added to analytical results for many reasons that may or may not affect the accuracy and precision of the analytical result. The application of an adjustment factor to "J" qualified data in which bias is not affected could be considered overly conservative.

All qualified data should be carefully evaluated to determine if the data are biased. Based on the reasons for bias, the use of an adjustment factor should only be considered as a management tool that provides a quick screening of the data for site assessment, not a means for correcting the biased value to a true value. Application of adjustment factors are intended for use with qualified data reported at or above the CRQL and may not be applicable to data which are qualified but technically sound. As stated previously, qualified data should always be carefully reviewed on a case-by-case basis prior to use in HRS evaluation.

Another issue is the validity of "10" as a default adjustment factor. A default adjustment factor of 10 was a policy decision based on the range of adjustment factors and an industry approach. The default was chosen in order to account for the maximum variability regardless of the direction of the bias. Therefore, the default value of 10 is generally considered to be a conservative adjustment factor. EPA reviewed the use of the default value of 10 and determined that this value was conservative.

Even if using adjustment factors is sometimes overly conservative, this approach is preferable to not using the data at all. EPA maintains a "worst sites first" policy that only the sites considered most harmful to human health and/or the environment should be listed. EPA considers the use of adjustment factors appropriate as a management decision tool. However, discretion is needed when applying adjustment factors. The use of adjustment factors may not be appropriate in all cases.

USE OF OTHER ADJUSTMENT FACTORS

EPA Regions may substitute higher, but never lower, adjustment factor values for the ones listed in this fact sheet on a case-by-case basis when technically justified. For example, other adjustment factors may be applied to conform with site-specific Data Quality Objectives (DQOs) or with Regional Standard Operating Procedures (SOPs) *(Data Quality Objectives Process for Superfund, Publication 9355.9-01).*

SUMMARY

For site assessment purposes, EPA Regions should not automatically discard "J" qualified data. However, site-specific data usability determinations may result in the data's not being used.

Data qualified under the EPA's CLP or from other sources of validated data may be used to demonstrate an observed release if certain measures are taken to ensure that the bias of the data qualifier is adjusted using the factor approach specified in this fact sheet. (This fact sheet provides a management decision tool for making qualified data usable for documenting an observed release.) The analyte and matrix-specific adjustment factors provided in Tables 1 through 4 of this fact sheet present these adjustment factors.

The scope of this fact sheet is limited to the situations described in Exhibit 1. The use of qualified analytical data without the adjustment factors presented in this fact sheet is limited. Higher adjustment factors may be substituted by EPA Regions on a case-by-case basis when technically justified by site-specific DQOs or SOPS.

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TABLE 1 FACTORS FOR VOLATILE ORGANIC ANALYTES				
VOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Samples Reviewed	Factor	Number of CARD Samples Reviewed	Factor
1,1,1-TRICHLOROETHANE	---	10.0	---	10.0
1,1,2,2-TETRACHLOROETHANE	---	10.0	---	10.0
1,1,2-TRICHLOROETHANE	---	10.0	---	10.0
1,1-DICHLOROETHANE	---	10.0	---	10.0
1,1-DICHLOROETHENE	7,031	2.71	5,015	2.35
1,2-DICHLOROETHANE-D4	32,446	1.52	25,516	1.38
1,2-DICLOROETHENE (TOTAL)	---	10.0	---	10.0
1,2-DICHLOROPROPANE	---	10.0	---	10.0
2-BUTANONE	---	10.0	---	10.0
2-HEXANONE	---	10.0	---	10.0
4-METHYL-2-PENTANONE	---	10.0	---	10.0
ACETONE	---	10.0	---	10.0
BENZENE	7,024	1.97	5,001	1.64
BROMODICHLOROMETHANE	---	10.0	--	10.0
BROMOFORM	---	10.0	---	10.0
BROMOFLUOROBENZENE	32,444	1.7	25,518	1.26
BROMOMETHANE	---	10.0	---	10.0
CARBON DISULFIDE	---	10.0	---	10.0

TABLE 1 FACTORS FOR VOLATILE ORGANIC ANALYTES				
VOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Samples Reviewed	Factor	Number of CARD Samples Reviewed	Factor
CARBON TETRACHLORIDE	---	10.0	---	10.0
CHLOROBENZENE	7,018	2.0	5,015	1.54
CHLOROETHANE	---	10.0	---	10.0
CHLOROFORM	---	10.0	---	10.0
CHLOROMETHANE	---	10.0	---	10.0
CIS-1,3-DICHLOROPROPENE	---	10.0	---	10.0
DIBROMOCHLOROMETHANE	---	10.0	---	10.0
ETHYLBENZENE	---	10.0	---	10.0
METHYLENE CHLORIDE	---	10.0	---	10.0
STYRENE	---	10.0	---	10.0
TETRACHLOROETHENE	---	10.0	---	10.0
TOLUENE-D8	32,447	1.63	25,526	1.21
TRANS-1,3-DICHLOROPROPENE	---	10.0	---	10.0
TRICHLOROETHENE	6,988	2.11	4,938	1.66
VINYL CHLORIDE	---	10.0	---	10.0
XYLENE (TOTAL)	---	10.0	---	10.0

TABLE 2 FACTORS FOR SEMIVOLATILE ORGANIC ANALYTES				
	SOIL MATRIX		WATER MATRIX	
SEMIVOLATILE ORGANIC ANALYTES	Number of CARD sample Reviewed	Factor	Number of CARD Samples Reviewed	Factor
1,2,4-TRICHLOROBENZENE	6,792	4.83	4,605	3.71
1,2-DICHLOROBENZENE-D4	32,848	4.22	21,506	3.0
1,3-DICHLOROBENZENE	---	10.0	---	10.0
1,4-DICHLOROBENZENE	6,796	6.0	4,599	3.85
2,2'-OXYBIS(1-CHLOROPROPANE)	---	10.0	---	10.0
2,4,6-TRIBROMOPHENOL	32,605	9.38	21,509	3.57
2,4,5-TRICHLOROPHENOL	---	10.0	---	10.0
2,4,6-TRICHLOROPHENOL	---	10.0	---	10.0
2,4-DICHLOROPHENOL	---	10.0	---	10.0
2,4-DIMEHYLPHENOL	---	10.0	---	10.0
2,4-DINITROPHENOL	---	10.0	---	10.0
2,4-DINITROTOLUENE	6,798	4.88	4,623	3.52
2,6-DINITROTOLUENE	---	10.0	---	10.0
2-CHLORONAPHTHALENE	---	10.0	---	10.0
2-CHLOROPHENOL-D4	32,798	4.08	21,506	2.92
2-FLUOROBIPHENYL	32,913	3.38	21,532	2.84
2-FLUORPHENOL	32,781	5.05	21,511	3.34
2-METHYLNAPHTHALENE	---	10.0	---	10.0
2-METHYLPHENOL	---	10.0	---	10.0
2-NITROANILINE	---	10.0	---	10.0
2-NITROPHENOL	---	10.0	---	10.0
3,3'-DICHLOROBENZIDINE	---	10.0	---	10.0
3-NITROANILINE	---	10.0	---	10.0
4,6-DINITRO-2-METHYLPHENOL	---	10.0	---	10.0
4-BROMOPHENYL-PHENYETHER	---	10.0	---	10.0

TABLE 2 FACTORS FOR SEMIVOLATILE ORGANIC ANALYTES				
	SOIL MATRIX		WATER MATRIX	
SEMIVOLATILE ORGANIC ANALYTES	Number of CARD Sample Reviewed	Factor	Number of CARD Samples Reviewed	Factor
4-CHLORO-3-METHYLPHENOL	6,715	6.26	4,609	4.46
4-CHLOROANILINE	---	10.0	---	10.0
4-CHLOROPHENYL-PHENYLETHER	---	10.0	---	10.0
4-METHYLPHENOL	---	10.0	---	10.0
4-NITROANILINE	---	10.0	---	10.0
4-NITROPHENOL	6,627	9.33	4,586	5.96
ACENAPHTHENE	6,773	4.68	4,600	3.63
ACENAPHTHYLENE	---	10.0	---	10.0
ANTHRACENE	---	10.0	---	10.0
BENZO(A)ANTHRACENE	---	10.0	---	10.0
BENZO(A)PYRENE	---	10.0	---	10.0
BENZO(B)FLUORANTHENE	---	10.0	---	10.0
BENZO(G,H,I,)PERYLENE	---	10.0	---	10.0
BENZO(K)FLUORANTHENE	---	10.0	---	10.0
BIS(2-CHLOROETHOXY)METHANE	---	10.0	---	10.0
BIS(2-CHLOROETHYL)ETHER	---	10.0	---	10.0
BIS(2-ETHYLHEXYL)PHTHALATE	---	10.0	---	10.0
BUTYLBENZYLPHTHALATE	---	10.0	---	10.0
CARBAZOLE	---	10.0	---	10.0
CHRYSENE	---	10.0	---	10.0
DI-N-BUTYLPHTHALATE	---	10.0	---	10.0
DI-N-OCTYLPHTHALATE	---	10.0	---	10.0
DIBENZ(A,H)ANTHRACENE	---	10.0	---	10.0
DIBENZOFURAN	---	10.0	---	10.0
DIETHYLPHTHALATE	---	10.0	---	10.0

TABLE 2 FACTORS FOR SEMIVOLATILE ORGANIC ANALYTES				
SEMIVOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Sample Reviewed	Factor	Number of CARD Samples Reviewed	Factor
DIMETHYLPHTHALATE	—	10.0	---	10.0
FLUORANTHENE	---	10.0	---	10.0
FLUORENE	---	10.0	---	10.0
HEXACHLOROBENZENE	---	10.0	---	10.0
HEXACHLOROBUTADIENE	---	10.0	--	10.0
HEXACHLOROCYCLOPENTADIENE	---	10.0	---	10.0
HEXACHLOROETHANE	---	10.0	---	10.0
INDENO(1,2,3-CD)PYRENE	---	10.0	---	10.0
ISOPHORONE	---	10.0	---	10.0
N-NITROSO-DI-N-PROPYLAMINE	6,725	4.92	4,513	4.0
N-NITROSODIPHENYLAMINE(1)	---	10.0	---	10.0
NAPHTHALENE	---	10.0	--	10.0
NITROBENZENE-D5	32,867	3.96	21,533	2.73
PENTACHLOROPHENOL	6,597	72.5	4,550	10.12
PHENANTHRENE	---	10.0	---	10.
PHENOL-D5	32,855	3.85	21,489	3.53
PYRENE	6,543	11.86	4,612	5.67
TERPHENYL-D14	32,899	4.35	21,541	6.32

TABLE 3 FACTORS FOR PESTICIDES/PCB ANALTYES				
VOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Samples Reviewed	Factor	Number of CARD Samples Reviewed	Factor
4,4'-DDD	---	10.0	---	10.0
4,4'-DDE	---	10.0	---	10.0
4,4'-DDT	5,343	12.82	3,850	7.14
ALDRIN	5,526	14.26	3,829	6.63
ALPHA-BHC	---	10.0	---	10.0
ALPHA-CHLORDANE	---	10.0	---	10.0
AROCLOR-1016	---	10.0	---	10.0
AROCLOR-1221	---	10.0	---	10.0
AROCLOR-1232	---	10.0	---	10.0
AROCLOR-1242	---	10.0	---	10.0
AROCLOR-1248	---	10.0	---	10.0
AROCLOR-1254	---	10.0	---	10.0
AROCLOR-1260	---	10.0	---	10.0
BETA-BHC	---	10.0	---	10.0
DECACHLOROBIPHENYL	57,315	17.79	33,592	10.0
DELTA-BHC	---	10.0	---	10.0
DIELDRIN	5,539	11.93	3,861	4.87

TABLE 3 FACTORS FOR PESTICIDES/PCB ANALYTES				
VOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Samples Reviewed	Factor	Number of CARD Samples Reviewed	Factor
ENDOSULFAN I	—	10.0	---	10.0
ENDOSULFAN II	—	10.0	---	10.0
ENDOSULFAN SULFATE	---	10.0	---	10.0
ENDRIN	5,521	14.13	3,850	5.33
ENDRIN ALDEHYDE	---	10.0	---	10.0
ENDRIN KETONE	---	10.0	---	10.0
GAMMA-BHC (LINDANE)	5,545	11.79	3,832	10.0
GAMMA-CHLORDANE	---	10.0	---	10.0
HEPTACHLOR	5,548	7.88	3,836	5.26
HEPTACHLOR EPOXIDE	---	10.0	---	10.0
METHOXYCHLOR	---	10.0	---	10.0
TETRACHLORO-M-XYLENE	59,508	8.5	33,787	5.29
TOXAPHENE	---	10.0	---	10.0

TABLE 4 FACTORS FOR INORGANIC ANALYTES				
VOLATILE ORGANIC ANALYTES	SOIL MATRIX		WATER MATRIX	
	Number of CARD Samples Reviewed	Factor	Number of CARD Samples Reviewed	Factor
ALUMINUM	5387	1.66	6208	1.30
ANTIMONY	5392	1.98	6170	1.27
ARSENIC	5675	1.74	6303	1.35
BARIUM	5360	3.99	6201	1.25
BERYLLIUM	5399	1.28	6208	1.25
CADMIUM	5385	1.41	6166	1.29
CALCIUM	5383	1.28	6201	1.24
CHROMIUM	5389	1.29	6210	1.30
COBALT	5392	1.25	6212	1.27
COPPER	5394	1.22	6205	1.25
CYANIDE	3281	1.55	225	1.36
IRON	5391	1.34	6216	1.27
LEAD	5982	1.44	6384	1.31
MAGNESIUM	5397	1.23	6210	1.24
MANGANESE	5395	1.24	6214	1.28
MERCURY	5954	1.83	256	1.50
NICKEL	5400	1.35	6210	1.29
POTASSIUM	3874	17.49	6175	1.24
SELENIUM	5620	2.38	6278	1.14
SILVER	5392	1.74	6215	1.42
SODIUM	5024	25.43	6195	1.26
THALLIUM	5621	1.86	6253	1.37
VANADIUM	5393	1.34	6212	1.25
ZINC	5404	1.50	6224	1.29

REFERENCE 52

EXECUTIVE NARRATIVE

Case No.: 45717
Site: WAPPINGER CREEK
Number of Samples: 19 (Soil), 1 (Water)
Analysis: Metals, and Mercury

SDG No.: MBC7B7
Laboratory: EQI
Sampling dates: 11/16/15
Validation SOP: HW-3a, and 3c (rev 0)

QAPP
Contractor: Weston Solution, Oct 2015
Contractor Document #: W0269_1E_00632

SUMMARY OF DEFINITIONS:

Critical: Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.
Major: A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.
Minor: The level of uncertainty is acceptable. No significant bias in the data was observed.

Critical Findings:
None

Major Findings:

Samples MBC7B7, MBC7B8, MBC7B9, MBC7C0, MBC7C1, MBC7C2, MBC7C5, and MBC7J0 have analytes that have been qualified J, J+, or J-.

Minor Findings:
None

COMMENT:	None

Reviewer Name(s): Dharmesh Patel

Approver's Signature: **Date: 12/14/2015**

Name: **Narendra Kumar**

Affiliation: USEPA/R2/HWSB/HWSS

Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	**Explanation**		
	INORGANICS	**ORGANICS**	**CHLORINATED DIOXIN/FURAN**
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J–	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	

DATA ASSESSMENT

ANALYSIS: METALS ICP-AES (SOIL SAMPLES)

The current SOP HW-3a (Revision 0) July 2015, USEPA Region II for the evaluation of ICP-AES metals generated through Statement of Work ISOMO2.2 has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time or pH (aqueous samples are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (180 days) or pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be used to establish each analytical curve. At least one of these standards shall be at or below the CRQL. The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The curve must have a correlation coefficient ≥ 0.995. The percent differences calculated for all of the non-zero standards must be within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s).
The CCV standard shall be analyzed at a frequency of every two hours during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 90 – 110%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Calibration blanks (ICB and CCB) are used to ensure a stable instrument baseline before and during the analysis of analytical samples. The preparation blank is used to assess the level of contamination introduced to the analytical samples throughout the sample preparation process. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

4. **INTERFERENCE CHECK SAMPLE**

The Interference Check Sample (ICS) verifies the analytical instrument's ability to overcome interferences typical of those found in samples. The laboratory should have analyzed and reported ICS results for all elements being reported from the analytical run and for all interferents (target and non-target) for these reported elements. The ICS consists of two solutions: Solution A and Solution AB. Solution A consists of the interferents, and Solution AB consists of the analytes mixed with the interferents. Results for the analysis of ICS Solution must fall within the control limits of ± 20% or ±CRQL (whichever is greater) of the true value for the analytes and interferents included in the solution. If results that are ≥ MDL are observed for analytes that are not present in the ICS solution, the possibility of false positives exists. If negative results are observed for analytes that are not present in the ICS solution, and their absolute value is ≥ MDL, the possibility of false negatives in the samples exists. In general, ICP sample data can be accepted if the concentrations of Al, Ca, Fe, and Mg in the sample are found to be less than or equal to their respective concentrations in the ICS. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following samples have matrix spike recovery <30% and the post digestion spike sample has percent recovery greater than or equal to 75%. Detected analyte with result greater than or equal to MDL is qualified J. Non-detected analytes are qualified UJ.

Antimony MBC7B8, MBC7B9

6. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

No problems were found for this criterion.

7. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 50% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

8. LABORATORY CONTROL SAMPLE

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous/water, soil/sediment, wipe, and filter LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and Quality Assurance/Quality Control (QA/QC) procedures as employed for the samples. All LCS Percent Recoveries (%R) must fall within the control limits of 70-130%, except for Sb and Ag which must fall within the control limits of 50-150%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

9. ICP SERIAL DILUTION

The serial dilution of samples quantitated by Inductively Coupled Plasma determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high [concentration in the original sample is > 50 times (50x) the Method Detection Limit (MDL)], the Percent Difference (%D) between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 15. For a serial dilution analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the serial dilution sample.

No problems were found for this criterion.

10. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

The following soil samples have percent solids less than 50%. Detected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

MBC7B7, MBC7B8, MBC7B9, MBC7C0, MBC7C1, MBC7C2, MBC7C5, MBC7J0.

ANALYSIS: MERCURY (SOIL SAMPLES)

The current SOP HW-3c (Revision 0) July 2015, USEPA Region II for the evaluation of Mercury generated through Statement of Work ISOMO2.2 has been applied. Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time, pH (aqueous samples), or cooler temperature are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (28 days) and pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects (sample quantitation limits) will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for mercury. Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be employed to establish the analytical curve. At least one of the calibration standards shall be at or below the Contract Required Quantitation Limit (CRQL). The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The calibration curves for mercury shall possess a correlation coefficient of ≥ 0.995 to ensure the linearity over the calibrated range. The percent differences calculated for all of the non-zero standards must fall within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. All sample results shall be reported from an analysis within the calibrated range. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for mercury by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every hour during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 85 – 115%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Mercury MBC7B9, MBC7C0, MBC7C1.

The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Mercury MBC7B9, MBC7C0, MBC7C1.

4. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

No problems were found for this criterion.

5. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 35% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

No problems were found for this criterion.

6. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

No problems were found for this criterion.

7. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

The following soil samples have percent solids less than 50%. Detected sample results ≥ MDL are qualified J. Non-detected sample results are qualified UJ.

MBC7B7, MBC7B8, MBC7B9, MBC7C0, MBC7C1, MBC7C2, MBC7C5, MBC7J0.

ANALYSIS: METALS ICP-AES (WATER SAMPLE)

The current SOP HW-3a (Revision 0) July 2015, USEPA Region II for the evaluation of ICP-AES metals generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time or pH (aqueous samples are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (180 days) or pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be used to establish each analytical curve. At least one of these standards shall be at or below the CRQL. The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The curve must have a correlation coefficient ≥ 0.995. The percent differences calculated for all of the non-zero standards must be within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for each target analyte by the analysis of an ICV solution(s).
The CCV standard shall be analyzed at a frequency of every two hours during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 90 – 110%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Calibration blanks (ICB and CCB) are used to ensure a stable instrument baseline before and during the analysis of analytical samples. The preparation blank is used to assess the level of contamination introduced to the analytical samples throughout the sample preparation process. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

Not applicable (Samples are Rinsate blanks).

4. INTERFERENCE CHECK SAMPLE

The Interference Check Sample (ICS) verifies the analytical instrument's ability to overcome interferences typical of those found in samples. The laboratory should have analyzed and reported ICS results for all elements being reported from the analytical run and for all interferents (target and non-target) for these reported elements. The ICS consists of two solutions: Solution A and Solution AB. Solution A consists of the interferents, and Solution AB consists of the analytes mixed with the interferents. Results for the analysis of ICS Solution must fall within the control limits of ± 20% or ±CRQL (whichever is greater) of the true value for the analytes and interferents included in the solution. If results that are ≥ MDL are observed for analytes that are not present in the ICS solution, the possibility of false positives exists. If negative results are observed for analytes that are not present in the ICS solution, and their absolute value is ≥ MDL, the possibility of false negatives in the samples exists. In general, ICP sample data can be accepted if the concentrations of Al, Ca, Fe, and Mg in the sample are found to be less than or equal to their respective concentrations in the ICS. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

5. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following sample is not associated with Matrix Spike sample. Detects are not qualified. Nondetects are not qualified

MBC764

6. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

Not applicable.

7. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate

Not applicable.

8. LABORATORY CONTROL SAMPLE

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous/water, soil/sediment, wipe, and filter LCSs shall be analyzed for each analyte utilizing the same sample preparations, analytical methods, and Quality Assurance/Quality Control (QA/QC) procedures as employed for the samples. All LCS Percent Recoveries (%R) must fall within the control limits of 70-130%, except for Sb and Ag which must fall within the control limits of 50-150%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

9. ICP SERIAL DILUTION

The serial dilution of samples quantitated by Inductively Coupled Plasma determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high [concentration in the original sample is > 50 times (50x) the Method Detection Limit (MDL)], the Percent Difference (%D) between the original determination and the serial dilution analysis (a five-fold dilution) after correction for dilution shall be less than 10. For a serial dilution analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the serial dilution sample.

Not applicable.

10. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. All results of a sample with percent solids less than 50% are qualified estimated, "J". Qualifications were applied to the samples and analytes as shown below.

Not applicable.

ANALYSIS: MERCURY (WATER SAMPLE)

The current SOP HW-3c (Revision 0) July 2015, USEPA Region II for the evaluation of Mercury generated through Statement of Work ISOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

1. HOLDING TIME AND PRESERVATION

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time, pH (aqueous samples), or cooler temperature are not within the acceptable range, the data may not be valid. Those analytes detected in the samples whose holding time (28 days) and pH (≤2) have not been met, will be qualified as estimated, "J"; the non-detects (sample quantitation limits) will be flagged as unusable, "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

2. CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for mercury. Initial Calibration Verification (ICV) demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing Calibration Verification (CCV) demonstrates that the initial calibration is still valid by checking the performance of the instrument on a continuing basis.

A) INITIAL CALIBRATION

A blank and at least five calibration standards shall be employed to establish the analytical curve. At least one of the calibration standards shall be at or below the Contract Required Quantitation Limit (CRQL). The calibration curve shall be fitted using linear regression or weighted linear regression. The curve may be forced through zero. The calibration curves for mercury shall possess a correlation coefficient of ≥ 0.995 to ensure the linearity over the calibrated range. The percent differences calculated for all of the non-zero standards must fall within ±30% of the true value of the standard. The y-intercept of the curve must be less than the CRQL. All sample results shall be reported from an analysis within the calibrated range. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) INITIAL AND CONTINUING CALIBRATION VERIFICATION

Immediately after each system has been calibrated, the accuracy of the initial calibration must be verified and documented for mercury by the analysis of an ICV solution(s). The CCV standard shall be analyzed at a frequency of every hour during an analytical run. The CCV standard shall also be analyzed at the beginning of the run, and again after the last analytical sample. The percent recovery acceptable limits for ICV/CCV are 85 – 115%. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

3. BLANK CONTAMINATION

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Qualifications were applied to the samples and analytes as shown below.

Not applicable (Samples are Rinsate blanks).

4. SPIKE SAMPLE ANALYSIS

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. The spike Percent Recovery (%R) shall be within the established acceptance limits of 75 – 125%. However, spike recovery limits do not apply when the sample concentration is ≥ 4x the spike added. For a matrix spike analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the matrix spike sample.

The following sample is not associated with Matrix Spike sample. Detects are not qualified. Nondetects are not qualified

MBC764

5. DUPLICATE SAMPLE ANALYSIS

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For a duplicate sample analysis that does not meet the technical criteria, the action was applied to only the field sample used to prepare the duplicate sample.

Not applicable.

6. FIELD DUPLICATE

Field duplicates may be taken and analyzed as an indication of overall precision. These analyses measure both field and laboratory precision. A control limit of 20% for the Relative Percent Difference (RPD) shall be used for original and duplicate sample values ≥ five times (5x) the Contract Required Quantitation Limit (CRQL). A control limit of the CRQL shall be used if either the sample or duplicate value is < 5x the CRQL. For field duplicates analysis that does not meet the technical criteria, the action was applied to only the field sample and it's duplicate.

Not applicable.

7. PERCENT SOLIDS

The laboratory is required to perform the percent solids determination prior to sample preparation and analysis. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

Sample Summary Report

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number: LCS001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	386		ug/L	386		1	Yes	S3VEM
Antimony	Target	120		ug/L	120		1	Yes	S3VEM
Arsenic	Target	21.3		ug/L	21.3		1	Yes	S3VEM
Barium	Target	389		ug/L	389		1	Yes	S3VEM
Beryllium	Target	10.0		ug/L	10.0		1	Yes	S3VEM
Cadmium	Target	9.2		ug/L	9.2		1	Yes	S3VEM
Calcium	Target	10300		ug/L	10300		1	Yes	S3VEM
Chromium	Target	20.2		ug/L	20.2		1	Yes	S3VEM
Cobalt	Target	94.7		ug/L	94.7		1	Yes	S3VEM
Copper	Target	47.4		ug/L	47.4		1	Yes	S3VEM
Iron	Target	220		ug/L	220		1	Yes	S3VEM
Lead	Target	17.3		ug/L	17.3		1	Yes	S3VEM
Magnesium	Target	10500		ug/L	10500		1	Yes	S3VEM
Manganese	Target	30.9		ug/L	30.9		1	Yes	S3VEM
Nickel	Target	75.3		ug/L	75.3		1	Yes	S3VEM
Potassium	Target	10200		ug/L	10200		1	Yes	S3VEM
Selenium	Target	71.3		ug/L	71.3		1	Yes	S3VEM
Silver	Target	20.4		ug/L	20.4		1	Yes	S3VEM
Sodium	Target	10700		ug/L	10700		1	Yes	S3VEM
Thallium	Target	49.6		ug/L	49.6		1	Yes	S3VEM
Vanadium	Target	97.7		ug/L	97.7		1	Yes	S3VEM
Zinc	Target	118		ug/L	118		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: LCS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids : 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	40.5		mg/kg	40.5		1	Yes	S3VEM
Antimony	Target	11.5		mg/kg	11.5		1	Yes	S3VEM
Arsenic	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Barium	Target	39.3		mg/kg	39.3		1	Yes	S3VEM
Beryllium	Target	1.1		mg/kg	1.1		1	Yes	S3VEM
Cadmium	Target	0.95		mg/kg	0.95		1	Yes	S3VEM
Calcium	Target	1040		mg/kg	1040		1	Yes	S3VEM
Chromium	Target	2.0		mg/kg	2.0		1	Yes	S3VEM
Cobalt	Target	9.8		mg/kg	9.8		1	Yes	S3VEM
Copper	Target	5.4		mg/kg	5.4		1	Yes	S3VEM
Iron	Target	21.3		mg/kg	21.3		1	Yes	S3VEM
Lead	Target	1.8		mg/kg	1.8		1	Yes	S3VEM
Magnesium	Target	1040		mg/kg	1040		1	Yes	S3VEM
Manganese	Target	3.1		mg/kg	3.1		1	Yes	S3VEM
Nickel	Target	7.7		mg/kg	7.7		1	Yes	S3VEM
Potassium	Target	981		mg/kg	981		1	Yes	S3VEM
Selenium	Target	6.6		mg/kg	6.6		1	Yes	S3VEM
Silver	Target	1.9		mg/kg	1.9		1	Yes	S3VEM
Sodium	Target	1040		mg/kg	1040		1	Yes	S3VEM
Thallium	Target	4.8		mg/kg	4.8		1	Yes	S3VEM
Vanadium	Target	10.0		mg/kg	10.0		1	Yes	S3VEM
Zinc	Target	11.9		mg/kg	11.9		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC764	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	26.4	J	ug/L	26.4	J	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	1.2	J	ug/L	1.2	J	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC764	Method:	Mercury by Cold Vapor	Matrix:	Water	MA Number:	
Sample Location:	N/A	pH:		Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.039	J	ug/L	0.039	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B7	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:50:00
% Moisture :				% Solids :	34.3629		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14100	J	mg/kg	14100		1	Yes	S3VEM
Antimony	Target	14.9	UJ	mg/kg	14.9	U*	1	Yes	S3VEM
Arsenic	Target	2.9	J	mg/kg	2.9		1	Yes	S3VEM
Barium	Target	74.0	J	mg/kg	74.0		1	Yes	S3VEM
Beryllium	Target	0.56	J	mg/kg	0.56	J	1	Yes	S3VEM
Cadmium	Target	0.34	J	mg/kg	0.34	J	1	Yes	S3VEM
Calcium	Target	7970	J	mg/kg	7970		1	Yes	S3VEM
Chromium	Target	16.0	J	mg/kg	16.0		1	Yes	S3VEM
Cobalt	Target	8.9	J	mg/kg	8.9	J	1	Yes	S3VEM
Copper	Target	28.1	J	mg/kg	28.1	*	1	Yes	S3VEM
Iron	Target	21700	J	mg/kg	21700		1	Yes	S3VEM
Lead	Target	28.9	J	mg/kg	28.9	*	1	Yes	S3VEM
Magnesium	Target	6130	J	mg/kg	6130		1	Yes	S3VEM
Manganese	Target	593	J	mg/kg	593		1	Yes	S3VEM
Nickel	Target	19.6	J	mg/kg	19.6	*	1	Yes	S3VEM
Potassium	Target	1280	J	mg/kg	1280		1	Yes	S3VEM
Selenium	Target	8.7	UJ	mg/kg	8.7	U	1	Yes	S3VEM
Silver	Target	2.5	UJ	mg/kg	2.5	U	1	Yes	S3VEM
Sodium	Target	142	J	mg/kg	142	J*	1	Yes	S3VEM
Thallium	Target	6.2	UJ	mg/kg	6.2	U	1	Yes	S3VEM
Vanadium	Target	16.8	J	mg/kg	16.8		1	Yes	S3VEM
Zinc	Target	119	J	mg/kg	119		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7B7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:50:00
% Moisture :				% Solids :	34.3629		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.044	J	mg/kg	0.044	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7B8	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.11	J	mg/kg	0.11	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	16500	J	mg/kg	16500		1	Yes	S3VEM
Antimony	Target	18.5	UJ	mg/kg	18.5	U*D	2	Yes	S3VEM
Arsenic	Target	4.2	J	mg/kg	4.2		1	Yes	S3VEM
Barium	Target	86.6	J	mg/kg	86.6		1	Yes	S3VEM
Beryllium	Target	0.67	J	mg/kg	0.67	J	1	Yes	S3VEM
Cadmium	Target	0.49	J	mg/kg	0.49	JD	2	Yes	S3VEM
Calcium	Target	10000	J	mg/kg	10000		1	Yes	S3VEM
Chromium	Target	18.3	J	mg/kg	18.3		1	Yes	S3VEM
Cobalt	Target	9.9	J	mg/kg	9.9		1	Yes	S3VEM
Copper	Target	33.8	J	mg/kg	33.8	*D	2	Yes	S3VEM
Iron	Target	23900	J	mg/kg	23900	D	2	Yes	S3VEM
Lead	Target	46.5	J	mg/kg	46.5	*D	2	Yes	S3VEM
Magnesium	Target	6110	J	mg/kg	6110		1	Yes	S3VEM
Manganese	Target	566	J	mg/kg	566		1	Yes	S3VEM
Nickel	Target	21.5	J	mg/kg	21.5	*D	2	Yes	S3VEM
Potassium	Target	1430	J	mg/kg	1430		1	Yes	S3VEM
Selenium	Target	0.96	J	mg/kg	0.96	J	1	Yes	S3VEM
Silver	Target	1.5	UJ	mg/kg	1.5	U	1	Yes	S3VEM
Sodium	Target	123	J	mg/kg	123	J*	1	Yes	S3VEM
Thallium	Target	0.59	J	mg/kg	0.59	J	1	Yes	S3VEM
Vanadium	Target	21.1	J	mg/kg	21.1		1	Yes	S3VEM
Zinc	Target	128	J	mg/kg	128		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8A	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	117		ug/L	117	JD	2	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8D	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15700		mg/kg	15700		1	Yes	S3VEM
Antimony	Target	21.9	U	mg/kg	21.9	UD	2	Yes	S3VEM
Arsenic	Target	4.3		mg/kg	4.3		1	Yes	S3VEM
Barium	Target	84.6		mg/kg	84.6		1	Yes	S3VEM
Beryllium	Target	0.62		mg/kg	0.62	J	1	Yes	S3VEM
Cadmium	Target	0.43		mg/kg	0.43	JD	2	Yes	S3VEM
Calcium	Target	9290		mg/kg	9290		1	Yes	S3VEM
Chromium	Target	16.9		mg/kg	16.9		1	Yes	S3VEM
Cobalt	Target	10.7		mg/kg	10.7		1	Yes	S3VEM
Copper	Target	33.0		mg/kg	33.0	D	2	Yes	S3VEM
Iron	Target	25400		mg/kg	25400	D	2	Yes	S3VEM
Lead	Target	43.9		mg/kg	43.9	D	2	Yes	S3VEM
Magnesium	Target	5760		mg/kg	5760		1	Yes	S3VEM
Manganese	Target	628		mg/kg	628		1	Yes	S3VEM
Nickel	Target	21.2		mg/kg	21.2	D	2	Yes	S3VEM
Potassium	Target	1440		mg/kg	1440		1	Yes	S3VEM
Selenium	Target	6.4	U	mg/kg	6.4	U	1	Yes	S3VEM
Silver	Target	1.8	U	mg/kg	1.8	U	1	Yes	S3VEM
Sodium	Target	104		mg/kg	104	J	1	Yes	S3VEM
Thallium	Target	4.6	U	mg/kg	4.6	U	1	Yes	S3VEM
Vanadium	Target	20.5		mg/kg	20.5		1	Yes	S3VEM
Zinc	Target	117		mg/kg	117		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8D	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.092		mg/kg	0.092	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: MBC7B8L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	113000		ug/L	113000		5	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	10	Yes	S3VEM
Arsenic	Target	24.7		ug/L	24.7		5	Yes	S3VEM
Barium	Target	591		ug/L	591		5	Yes	S3VEM
Beryllium	Target	4.4		ug/L	4.4		5	Yes	S3VEM
Cadmium	Target	3.2	J	ug/L	3.2	J	10	Yes	S3VEM
Calcium	Target	68600		ug/L	68600		5	Yes	S3VEM
Chromium	Target	126		ug/L	126		5	Yes	S3VEM
Cobalt	Target	68.0		ug/L	68.0		5	Yes	S3VEM
Copper	Target	246		ug/L	246	*	10	Yes	S3VEM
Iron	Target	169000		ug/L	169000		10	Yes	S3VEM
Lead	Target	331		ug/L	331		10	Yes	S3VEM
Magnesium	Target	42300		ug/L	42300		5	Yes	S3VEM
Manganese	Target	3960		ug/L	3960		5	Yes	S3VEM
Nickel	Target	155		ug/L	155	*	10	Yes	S3VEM
Potassium	Target	8830		ug/L	8830		5	Yes	S3VEM
Selenium	Target	3.3	J	ug/L	3.3	J	5	Yes	S3VEM
Silver	Target	5.0	U	ug/L	5.0	U	5	Yes	S3VEM
Sodium	Target	845	J	ug/L	845	J	5	Yes	S3VEM
Thallium	Target	5.4	J	ug/L	5.4	J	5	Yes	S3VEM
Vanadium	Target	143		ug/L	143		5	Yes	S3VEM
Zinc	Target	867		ug/L	867		5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8S	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Spike	1.2		mg/kg	1.2		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B8S	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:10:00
% Moisture :				% Solids :	44.8086		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	5.8	J	mg/kg	5.8	J*D	2	Yes	S3VEM
Arsenic	Spike	15.9		mg/kg	15.9		1	Yes	S3VEM
Barium	Spike	706		mg/kg	706		1	Yes	S3VEM
Beryllium	Spike	17.8		mg/kg	17.8		1	Yes	S3VEM
Cadmium	Spike	15.1		mg/kg	15.1	D	2	Yes	S3VEM
Chromium	Spike	78.7		mg/kg	78.7		1	Yes	S3VEM
Cobalt	Spike	158		mg/kg	158		1	Yes	S3VEM
Copper	Spike	114		mg/kg	114	D	2	Yes	S3VEM
Lead	Spike	51.3		mg/kg	51.3	D	2	Yes	S3VEM
Manganese	Spike	726		mg/kg	726		1	Yes	S3VEM
Nickel	Spike	167		mg/kg	167	D	2	Yes	S3VEM
Selenium	Spike	29.3		mg/kg	29.3		1	Yes	S3VEM
Silver	Spike	15.0		mg/kg	15.0		1	Yes	S3VEM
Thallium	Spike	15.4		mg/kg	15.4		1	Yes	S3VEM
Vanadium	Spike	175		mg/kg	175		1	Yes	S3VEM
Zinc	Spike	273		mg/kg	273		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B9	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.2972		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	18500	J	mg/kg	18500		1	Yes	S3VEM
Antimony	Target	13.2	UJ	mg/kg	13.2	U*	1	Yes	S3VEM
Arsenic	Target	3.6	J	mg/kg	3.6		1	Yes	S3VEM
Barium	Target	100	J	mg/kg	100		1	Yes	S3VEM
Beryllium	Target	0.70	J	mg/kg	0.70	J	1	Yes	S3VEM
Cadmium	Target	0.41	J	mg/kg	0.41	J	1	Yes	S3VEM
Calcium	Target	12000	J	mg/kg	12000		1	Yes	S3VEM
Chromium	Target	19.0	J	mg/kg	19.0		1	Yes	S3VEM
Cobalt	Target	9.8	J	mg/kg	9.8	J	1	Yes	S3VEM
Copper	Target	35.9	J	mg/kg	35.9	*	1	Yes	S3VEM
Iron	Target	26900	J	mg/kg	26900		1	Yes	S3VEM
Lead	Target	44.0	J	mg/kg	44.0	*	1	Yes	S3VEM
Magnesium	Target	7420	J	mg/kg	7420		1	Yes	S3VEM
Manganese	Target	610	J	mg/kg	610		1	Yes	S3VEM
Nickel	Target	24.4	J	mg/kg	24.4	*	1	Yes	S3VEM
Potassium	Target	1580	J	mg/kg	1580		1	Yes	S3VEM
Selenium	Target	7.7	UJ	mg/kg	7.7	U	1	Yes	S3VEM
Silver	Target	2.2	UJ	mg/kg	2.2	U	1	Yes	S3VEM
Sodium	Target	154	J	mg/kg	154	J*	1	Yes	S3VEM
Thallium	Target	5.5	UJ	mg/kg	5.5	U	1	Yes	S3VEM
Vanadium	Target	25.4	J	mg/kg	25.4		1	Yes	S3VEM
Zinc	Target	140	J	mg/kg	140		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7B9	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.2972		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.52	UJ	mg/kg	0.090	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B9A	Method:	Metals by ICP-AES	Matrix:	Water	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :			

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	108		ug/L	108		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B9D	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.2972		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	16500		mg/kg	16500		1	Yes	S3VEM
Antimony	Target	12.8	U	mg/kg	12.8	U	1	Yes	S3VEM
Arsenic	Target	3.3		mg/kg	3.3		1	Yes	S3VEM
Barium	Target	89.2		mg/kg	89.2		1	Yes	S3VEM
Beryllium	Target	0.67		mg/kg	0.67	J	1	Yes	S3VEM
Cadmium	Target	0.44		mg/kg	0.44	J	1	Yes	S3VEM
Calcium	Target	10700		mg/kg	10700		1	Yes	S3VEM
Chromium	Target	18.3		mg/kg	18.3		1	Yes	S3VEM
Cobalt	Target	9.3		mg/kg	9.3	J	1	Yes	S3VEM
Copper	Target	34.4		mg/kg	34.4		1	Yes	S3VEM
Iron	Target	23900		mg/kg	23900		1	Yes	S3VEM
Lead	Target	41.9		mg/kg	41.9		1	Yes	S3VEM
Magnesium	Target	6510		mg/kg	6510		1	Yes	S3VEM
Manganese	Target	616		mg/kg	616		1	Yes	S3VEM
Nickel	Target	23.3		mg/kg	23.3		1	Yes	S3VEM
Potassium	Target	1440		mg/kg	1440		1	Yes	S3VEM
Selenium	Target	7.5	U	mg/kg	7.5	U	1	Yes	S3VEM
Silver	Target	2.1	U	mg/kg	2.1	U	1	Yes	S3VEM
Sodium	Target	137		mg/kg	137	J	1	Yes	S3VEM
Thallium	Target	0.78		mg/kg	0.78	J	1	Yes	S3VEM
Vanadium	Target	24.7		mg/kg	24.7		1	Yes	S3VEM
Zinc	Target	133		mg/kg	133		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: MBC7B9L	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	85500		ug/L	85500		5	Yes	S3VEM
Antimony	Target	30.0	U	ug/L	30.0	U	5	Yes	S3VEM
Arsenic	Target	9.3		ug/L	9.3		5	Yes	S3VEM
Barium	Target	461		ug/L	461		5	Yes	S3VEM
Beryllium	Target	3.3		ug/L	3.3		5	Yes	S3VEM
Cadmium	Target	2.2	J	ug/L	2.2	J	5	Yes	S3VEM
Calcium	Target	53100		ug/L	53100		5	Yes	S3VEM
Chromium	Target	92.9		ug/L	92.9		5	Yes	S3VEM
Cobalt	Target	47.7		ug/L	47.7		5	Yes	S3VEM
Copper	Target	176		ug/L	176		5	Yes	S3VEM
Iron	Target	120000		ug/L	120000		5	Yes	S3VEM
Lead	Target	229		ug/L	229	*	5	Yes	S3VEM
Magnesium	Target	33400		ug/L	33400		5	Yes	S3VEM
Manganese	Target	2950		ug/L	2950		5	Yes	S3VEM
Nickel	Target	121		ug/L	121		5	Yes	S3VEM
Potassium	Target	6950		ug/L	6950		5	Yes	S3VEM
Selenium	Target	5.7	J	ug/L	5.7	J	5	Yes	S3VEM
Silver	Target	5.0	U	ug/L	5.0	U	5	Yes	S3VEM
Sodium	Target	807	J	ug/L	807	J*	5	Yes	S3VEM
Thallium	Target	4.1	J	ug/L	4.1	J	5	Yes	S3VEM
Vanadium	Target	126		ug/L	126		5	Yes	S3VEM
Zinc	Target	686		ug/L	686		5	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7B9S	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:		pH:		Sample Date:	11/16/2015	Sample Time:	10:00:00
% Moisture :				% Solids :	32.2972		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Antimony	Spike	7.5	J	mg/kg	7.5	J*	1	Yes	S3VEM
Arsenic	Spike	18.7		mg/kg	18.7		1	Yes	S3VEM
Barium	Spike	859		mg/kg	859		1	Yes	S3VEM
Beryllium	Spike	22.7		mg/kg	22.7		1	Yes	S3VEM
Cadmium	Spike	19.0		mg/kg	19.0		1	Yes	S3VEM
Chromium	Spike	97.5		mg/kg	97.5		1	Yes	S3VEM
Cobalt	Spike	200		mg/kg	200		1	Yes	S3VEM
Copper	Spike	141		mg/kg	141		1	Yes	S3VEM
Lead	Spike	53.0		mg/kg	53.0		1	Yes	S3VEM
Manganese	Spike	852		mg/kg	852		1	Yes	S3VEM
Nickel	Spike	210		mg/kg	210		1	Yes	S3VEM
Selenium	Spike	37.2		mg/kg	37.2		1	Yes	S3VEM
Silver	Spike	19.3		mg/kg	19.3		1	Yes	S3VEM
Thallium	Spike	19.7		mg/kg	19.7		1	Yes	S3VEM
Vanadium	Spike	225		mg/kg	225		1	Yes	S3VEM
Zinc	Spike	336		mg/kg	336		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:30:00
% Moisture :				% Solids :	36.6752		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.47	UJ	mg/kg	0.11	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C0	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:30:00
% Moisture :				% Solids :	36.6752		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13800	J	mg/kg	13800		1	Yes	S3VEM
Antimony	Target	13.9	UJ	mg/kg	13.9	U*	1	Yes	S3VEM
Arsenic	Target	3.2	J	mg/kg	3.2		1	Yes	S3VEM
Barium	Target	70.7	J	mg/kg	70.7		1	Yes	S3VEM
Beryllium	Target	0.55	J	mg/kg	0.55	J	1	Yes	S3VEM
Cadmium	Target	0.38	J	mg/kg	0.38	J	1	Yes	S3VEM
Calcium	Target	6940	J	mg/kg	6940		1	Yes	S3VEM
Chromium	Target	15.8	J	mg/kg	15.8		1	Yes	S3VEM
Cobalt	Target	8.8	J	mg/kg	8.8	J	1	Yes	S3VEM
Copper	Target	27.4	J	mg/kg	27.4	*	1	Yes	S3VEM
Iron	Target	20900	J	mg/kg	20900		1	Yes	S3VEM
Lead	Target	29.7	J	mg/kg	29.7	*	1	Yes	S3VEM
Magnesium	Target	5880	J	mg/kg	5880		1	Yes	S3VEM
Manganese	Target	779	J	mg/kg	779		1	Yes	S3VEM
Nickel	Target	19.3	J	mg/kg	19.3	*	1	Yes	S3VEM
Potassium	Target	1390	J	mg/kg	1390		1	Yes	S3VEM
Selenium	Target	8.1	UJ	mg/kg	8.1	U	1	Yes	S3VEM
Silver	Target	2.3	UJ	mg/kg	2.3	U	1	Yes	S3VEM
Sodium	Target	128	J	mg/kg	128	J*	1	Yes	S3VEM
Thallium	Target	5.8	UJ	mg/kg	5.8	U	1	Yes	S3VEM
Vanadium	Target	17.9	J	mg/kg	17.9		1	Yes	S3VEM
Zinc	Target	122	J	mg/kg	122		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C1	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:50:00
% Moisture :				% Solids :	43.8737		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	16600	J	mg/kg	16600		1	Yes	S3VEM
Antimony	Target	18.9	UJ	mg/kg	18.9	U*D	2	Yes	S3VEM
Arsenic	Target	5.0	J	mg/kg	5.0		1	Yes	S3VEM
Barium	Target	83.1	J	mg/kg	83.1		1	Yes	S3VEM
Beryllium	Target	0.68	J	mg/kg	0.68	J	1	Yes	S3VEM
Cadmium	Target	0.54	J	mg/kg	0.54	JD	2	Yes	S3VEM
Calcium	Target	5260	J	mg/kg	5260		1	Yes	S3VEM
Chromium	Target	18.1	J	mg/kg	18.1		1	Yes	S3VEM
Cobalt	Target	10.3	J	mg/kg	10.3		1	Yes	S3VEM
Copper	Target	38.1	J	mg/kg	38.1	*D	2	Yes	S3VEM
Iron	Target	26700	J	mg/kg	26700	D	2	Yes	S3VEM
Lead	Target	51.4	J	mg/kg	51.4	*D	2	Yes	S3VEM
Magnesium	Target	6240	J	mg/kg	6240		1	Yes	S3VEM
Manganese	Target	645	J	mg/kg	645		1	Yes	S3VEM
Nickel	Target	24.1	J	mg/kg	24.1	*D	2	Yes	S3VEM
Potassium	Target	1290	J	mg/kg	1290		1	Yes	S3VEM
Selenium	Target	5.5	UJ	mg/kg	5.5	U	1	Yes	S3VEM
Silver	Target	1.6	UJ	mg/kg	1.6	U	1	Yes	S3VEM
Sodium	Target	106	J	mg/kg	106	J*	1	Yes	S3VEM
Thallium	Target	3.9	UJ	mg/kg	3.9	U	1	Yes	S3VEM
Vanadium	Target	20.3	J	mg/kg	20.3		1	Yes	S3VEM
Zinc	Target	129	J	mg/kg	129		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C1	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:50:00
% Moisture :				% Solids :	43.8737		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.41	UJ	mg/kg	0.17	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C2	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:40:00
% Moisture :				% Solids :	45.1027		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13900	J	mg/kg	13900		1	Yes	S3VEM
Antimony	Target	10.2	UJ	mg/kg	10.2	U*	1	Yes	S3VEM
Arsenic	Target	3.2	J	mg/kg	3.2		1	Yes	S3VEM
Barium	Target	65.6	J	mg/kg	65.6		1	Yes	S3VEM
Beryllium	Target	0.55	J	mg/kg	0.55	J	1	Yes	S3VEM
Cadmium	Target	0.32	J	mg/kg	0.32	J	1	Yes	S3VEM
Calcium	Target	5490	J	mg/kg	5490		1	Yes	S3VEM
Chromium	Target	15.8	J	mg/kg	15.8		1	Yes	S3VEM
Cobalt	Target	9.3	J	mg/kg	9.3		1	Yes	S3VEM
Copper	Target	27.9	J	mg/kg	27.9	*	1	Yes	S3VEM
Iron	Target	21400	J	mg/kg	21400		1	Yes	S3VEM
Lead	Target	40.1	J	mg/kg	40.1	*	1	Yes	S3VEM
Magnesium	Target	5840	J	mg/kg	5840		1	Yes	S3VEM
Manganese	Target	599	J	mg/kg	599		1	Yes	S3VEM
Nickel	Target	20.5	J	mg/kg	20.5	*	1	Yes	S3VEM
Potassium	Target	1170	J	mg/kg	1170		1	Yes	S3VEM
Selenium	Target	6.0	UJ	mg/kg	6.0	U	1	Yes	S3VEM
Silver	Target	1.7	UJ	mg/kg	1.7	U	1	Yes	S3VEM
Sodium	Target	97.0	J	mg/kg	97.0	J*	1	Yes	S3VEM
Thallium	Target	4.3	UJ	mg/kg	4.3	U	1	Yes	S3VEM
Vanadium	Target	19.6	J	mg/kg	19.6		1	Yes	S3VEM
Zinc	Target	113	J	mg/kg	113		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C2	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED16	pH:		Sample Date:	11/16/2015	Sample Time:	10:40:00
% Moisture :				% Solids :	45.1027		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.095	J	mg/kg	0.095	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C3	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	51.274		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15300		mg/kg	15300		1	Yes	S3VEM
Antimony	Target	9.9	U	mg/kg	9.9	U*	1	Yes	S3VEM
Arsenic	Target	2.1		mg/kg	2.1		1	Yes	S3VEM
Barium	Target	77.7		mg/kg	77.7		1	Yes	S3VEM
Beryllium	Target	0.60	J	mg/kg	0.60	J	1	Yes	S3VEM
Cadmium	Target	0.22	J	mg/kg	0.22	J	1	Yes	S3VEM
Calcium	Target	2630		mg/kg	2630		1	Yes	S3VEM
Chromium	Target	15.8		mg/kg	15.8		1	Yes	S3VEM
Cobalt	Target	8.7		mg/kg	8.7		1	Yes	S3VEM
Copper	Target	22.0		mg/kg	22.0	*	1	Yes	S3VEM
Iron	Target	20600		mg/kg	20600		1	Yes	S3VEM
Lead	Target	22.8		mg/kg	22.8	*	1	Yes	S3VEM
Magnesium	Target	5120		mg/kg	5120		1	Yes	S3VEM
Manganese	Target	352		mg/kg	352		1	Yes	S3VEM
Nickel	Target	19.5		mg/kg	19.5	*	1	Yes	S3VEM
Potassium	Target	1290		mg/kg	1290		1	Yes	S3VEM
Selenium	Target	5.8	U	mg/kg	5.8	U	1	Yes	S3VEM
Silver	Target	1.6	U	mg/kg	1.6	U	1	Yes	S3VEM
Sodium	Target	108	J	mg/kg	108	J*	1	Yes	S3VEM
Thallium	Target	4.1	U	mg/kg	4.1	U	1	Yes	S3VEM
Vanadium	Target	17.1		mg/kg	17.1		1	Yes	S3VEM
Zinc	Target	79.9		mg/kg	79.9		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C3	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:40:00
% Moisture :				% Solids :	51.274		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.073	J	mg/kg	0.073	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C4	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	12:00:00
% Moisture :				% Solids :	61.5178		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	15500		mg/kg	15500		1	Yes	S3VEM
Antimony	Target	13.9	U	mg/kg	13.9	U*D	2	Yes	S3VEM
Arsenic	Target	1.8		mg/kg	1.8		1	Yes	S3VEM
Barium	Target	86.7		mg/kg	86.7		1	Yes	S3VEM
Beryllium	Target	0.62		mg/kg	0.62		1	Yes	S3VEM
Cadmium	Target	0.16	J	mg/kg	0.16	JD	2	Yes	S3VEM
Calcium	Target	1900		mg/kg	1900		1	Yes	S3VEM
Chromium	Target	15.6		mg/kg	15.6		1	Yes	S3VEM
Cobalt	Target	8.2		mg/kg	8.2		1	Yes	S3VEM
Copper	Target	19.9		mg/kg	19.9	*D	2	Yes	S3VEM
Iron	Target	22900		mg/kg	22900	D	2	Yes	S3VEM
Lead	Target	15.8		mg/kg	15.8	*D	2	Yes	S3VEM
Magnesium	Target	4960		mg/kg	4960		1	Yes	S3VEM
Manganese	Target	328		mg/kg	328		1	Yes	S3VEM
Nickel	Target	21.2		mg/kg	21.2	*D	2	Yes	S3VEM
Potassium	Target	1100		mg/kg	1100		1	Yes	S3VEM
Selenium	Target	4.0	U	mg/kg	4.0	U	1	Yes	S3VEM
Silver	Target	1.2	U	mg/kg	1.2	U	1	Yes	S3VEM
Sodium	Target	78.4	J	mg/kg	78.4	J*	1	Yes	S3VEM
Thallium	Target	2.9	U	mg/kg	2.9	U	1	Yes	S3VEM
Vanadium	Target	16.6		mg/kg	16.6		1	Yes	S3VEM
Zinc	Target	69.1		mg/kg	69.1		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	12:00:00
% Moisture :				% Solids :	61.5178		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.054	J	mg/kg	0.054	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C5	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	47.8103		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	14900	J	mg/kg	14900		1	Yes	S3VEM
Antimony	Target	9.0	UJ	mg/kg	9.0	U*	1	Yes	S3VEM
Arsenic	Target	2.8	J	mg/kg	2.8		1	Yes	S3VEM
Barium	Target	78.1	J	mg/kg	78.1		1	Yes	S3VEM
Beryllium	Target	0.62	J	mg/kg	0.62	J	1	Yes	S3VEM
Cadmium	Target	0.20	J	mg/kg	0.20	J	1	Yes	S3VEM
Calcium	Target	2590	J	mg/kg	2590		1	Yes	S3VEM
Chromium	Target	15.6	J	mg/kg	15.6		1	Yes	S3VEM
Cobalt	Target	9.4	J	mg/kg	9.4		1	Yes	S3VEM
Copper	Target	21.5	J	mg/kg	21.5	*	1	Yes	S3VEM
Iron	Target	21300	J	mg/kg	21300		1	Yes	S3VEM
Lead	Target	18.8	J	mg/kg	18.8	*	1	Yes	S3VEM
Magnesium	Target	5160	J	mg/kg	5160		1	Yes	S3VEM
Manganese	Target	474	J	mg/kg	474		1	Yes	S3VEM
Nickel	Target	20.1	J	mg/kg	20.1	*	1	Yes	S3VEM
Potassium	Target	1060	J	mg/kg	1060		1	Yes	S3VEM
Selenium	Target	5.3	UJ	mg/kg	5.3	U	1	Yes	S3VEM
Silver	Target	1.5	UJ	mg/kg	1.5	U	1	Yes	S3VEM
Sodium	Target	106	J	mg/kg	106	J*	1	Yes	S3VEM
Thallium	Target	3.8	UJ	mg/kg	3.8	U	1	Yes	S3VEM
Vanadium	Target	15.9	J	mg/kg	15.9		1	Yes	S3VEM
Zinc	Target	74.8	J	mg/kg	74.8		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C5	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED17	pH:		Sample Date:	11/16/2015	Sample Time:	11:50:00
% Moisture :				% Solids :	47.8103		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.076	J	mg/kg	0.076	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C6	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :	76.9323		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	12200		mg/kg	12200		1	Yes	S3VEM
Antimony	Target	12.4	U	mg/kg	12.4	U*D	2	Yes	S3VEM
Arsenic	Target	4.1		mg/kg	4.1		1	Yes	S3VEM
Barium	Target	47.3		mg/kg	47.3		1	Yes	S3VEM
Beryllium	Target	0.47	J	mg/kg	0.47	J	1	Yes	S3VEM
Cadmium	Target	1.0	U	mg/kg	1.0	UD	2	Yes	S3VEM
Calcium	Target	1520		mg/kg	1520		1	Yes	S3VEM
Chromium	Target	13.7		mg/kg	13.7		1	Yes	S3VEM
Cobalt	Target	9.0		mg/kg	9.0		1	Yes	S3VEM
Copper	Target	14.4		mg/kg	14.4	*D	2	Yes	S3VEM
Iron	Target	27800		mg/kg	27800	D	2	Yes	S3VEM
Lead	Target	12.7		mg/kg	12.7	*D	2	Yes	S3VEM
Magnesium	Target	6210		mg/kg	6210		1	Yes	S3VEM
Manganese	Target	444		mg/kg	444		1	Yes	S3VEM
Nickel	Target	20.5		mg/kg	20.5	*D	2	Yes	S3VEM
Potassium	Target	1060		mg/kg	1060		1	Yes	S3VEM
Selenium	Target	3.6	U	mg/kg	3.6	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	50.6	J	mg/kg	50.6	J*	1	Yes	S3VEM
Thallium	Target	0.41	J	mg/kg	0.41	J	1	Yes	S3VEM
Vanadium	Target	13.4		mg/kg	13.4		1	Yes	S3VEM
Zinc	Target	73.6		mg/kg	73.6		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C6	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:15:00
% Moisture :				% Solids :	76.9323		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.011	J	mg/kg	0.011	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C7	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:35:00
% Moisture :				% Solids :	87.2818		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13500		mg/kg	13500		1	Yes	S3VEM
Antimony	Target	25.6	U	mg/kg	25.6	U*D	5	Yes	S3VEM
Arsenic	Target	4.1		mg/kg	4.1		1	Yes	S3VEM
Barium	Target	49.0		mg/kg	49.0		1	Yes	S3VEM
Beryllium	Target	0.51		mg/kg	0.51		1	Yes	S3VEM
Cadmium	Target	2.1	U	mg/kg	2.1	UD	5	Yes	S3VEM
Calcium	Target	3320		mg/kg	3320		1	Yes	S3VEM
Chromium	Target	14.9		mg/kg	14.9		1	Yes	S3VEM
Cobalt	Target	9.0		mg/kg	9.0		1	Yes	S3VEM
Copper	Target	22.1		mg/kg	22.1	*D	5	Yes	S3VEM
Iron	Target	34200		mg/kg	34200	D	5	Yes	S3VEM
Lead	Target	13.4		mg/kg	13.4	*D	5	Yes	S3VEM
Magnesium	Target	6410		mg/kg	6410		1	Yes	S3VEM
Manganese	Target	404		mg/kg	404		1	Yes	S3VEM
Nickel	Target	27.4		mg/kg	27.4	*D	5	Yes	S3VEM
Potassium	Target	776		mg/kg	776		1	Yes	S3VEM
Selenium	Target	3.0	U	mg/kg	3.0	U	1	Yes	S3VEM
Silver	Target	0.85	U	mg/kg	0.85	U	1	Yes	S3VEM
Sodium	Target	53.2	J	mg/kg	53.2	J*	1	Yes	S3VEM
Thallium	Target	0.38	J	mg/kg	0.38	J	1	Yes	S3VEM
Vanadium	Target	14.8		mg/kg	14.8		1	Yes	S3VEM
Zinc	Target	65.9		mg/kg	65.9		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C7	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:35:00
% Moisture :				% Solids :	87.2818		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.0066	J	mg/kg	0.0066	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7C8	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:25:00
% Moisture :				% Solids :	65.176		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.026	J	mg/kg	0.026	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7C8	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED18	pH:		Sample Date:	11/16/2015	Sample Time:	12:25:00
% Moisture :				% Solids :	65.176		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	11500		mg/kg	11500		1	Yes	S3VEM
Antimony	Target	12.6	U	mg/kg	12.6	U*D	2	Yes	S3VEM
Arsenic	Target	3.7		mg/kg	3.7		1	Yes	S3VEM
Barium	Target	43.2		mg/kg	43.2		1	Yes	S3VEM
Beryllium	Target	0.43	J	mg/kg	0.43	J	1	Yes	S3VEM
Cadmium	Target	0.11	J	mg/kg	0.11	JD	2	Yes	S3VEM
Calcium	Target	3340		mg/kg	3340		1	Yes	S3VEM
Chromium	Target	12.1		mg/kg	12.1		1	Yes	S3VEM
Cobalt	Target	7.7		mg/kg	7.7		1	Yes	S3VEM
Copper	Target	15.7		mg/kg	15.7	*D	2	Yes	S3VEM
Iron	Target	25700		mg/kg	25700	D	2	Yes	S3VEM
Lead	Target	16.2		mg/kg	16.2	*D	2	Yes	S3VEM
Magnesium	Target	6430		mg/kg	6430		1	Yes	S3VEM
Manganese	Target	453		mg/kg	453		1	Yes	S3VEM
Nickel	Target	19.5		mg/kg	19.5	*D	2	Yes	S3VEM
Potassium	Target	791		mg/kg	791		1	Yes	S3VEM
Selenium	Target	3.7	U	mg/kg	3.7	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	55.3	J	mg/kg	55.3	J*	1	Yes	S3VEM
Thallium	Target	0.59	J	mg/kg	0.59	J	1	Yes	S3VEM
Vanadium	Target	14.0		mg/kg	14.0		1	Yes	S3VEM
Zinc	Target	73.4		mg/kg	73.4		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7D2	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	76.0379		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.041	J	mg/kg	0.041	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7D2	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:00:00
% Moisture :				% Solids :	76.0379		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	8470		mg/kg	8470		1	Yes	S3VEM
Antimony	Target	6.8	U	mg/kg	6.8	U*	1	Yes	S3VEM
Arsenic	Target	2.2		mg/kg	2.2		1	Yes	S3VEM
Barium	Target	25.0		mg/kg	25.0		1	Yes	S3VEM
Beryllium	Target	0.33	J	mg/kg	0.33	J	1	Yes	S3VEM
Cadmium	Target	0.56	U	mg/kg	0.56	U	1	Yes	S3VEM
Calcium	Target	787		mg/kg	787		1	Yes	S3VEM
Chromium	Target	11.0		mg/kg	11.0		1	Yes	S3VEM
Cobalt	Target	5.8		mg/kg	5.8		1	Yes	S3VEM
Copper	Target	13.1		mg/kg	13.1	*	1	Yes	S3VEM
Iron	Target	15400		mg/kg	15400		1	Yes	S3VEM
Lead	Target	8.8		mg/kg	8.8	*	1	Yes	S3VEM
Magnesium	Target	3880		mg/kg	3880		1	Yes	S3VEM
Manganese	Target	164		mg/kg	164		1	Yes	S3VEM
Nickel	Target	14.6		mg/kg	14.6	*	1	Yes	S3VEM
Potassium	Target	906		mg/kg	906		1	Yes	S3VEM
Selenium	Target	3.9	U	mg/kg	3.9	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	65.7	J	mg/kg	65.7	J*	1	Yes	S3VEM
Thallium	Target	2.8	U	mg/kg	2.8	U	1	Yes	S3VEM
Vanadium	Target	11.4		mg/kg	11.4		1	Yes	S3VEM
Zinc	Target	43.5		mg/kg	43.5		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7D3	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	65.4871		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.17	U	mg/kg	0.17	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7D3	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:20:00
% Moisture :				% Solids :	65.4871		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9260		mg/kg	9260		1	Yes	S3VEM
Antimony	Target	12.5	U	mg/kg	12.5	U*D	2	Yes	S3VEM
Arsenic	Target	2.4		mg/kg	2.4		1	Yes	S3VEM
Barium	Target	30.7		mg/kg	30.7		1	Yes	S3VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Cadmium	Target	0.089	J	mg/kg	0.089	JD	2	Yes	S3VEM
Calcium	Target	1680		mg/kg	1680		1	Yes	S3VEM
Chromium	Target	11.5		mg/kg	11.5		1	Yes	S3VEM
Cobalt	Target	6.1		mg/kg	6.1		1	Yes	S3VEM
Copper	Target	12.6		mg/kg	12.6	*D	2	Yes	S3VEM
Iron	Target	17500		mg/kg	17500	D	2	Yes	S3VEM
Lead	Target	7.8		mg/kg	7.8	*D	2	Yes	S3VEM
Magnesium	Target	3900		mg/kg	3900		1	Yes	S3VEM
Manganese	Target	190		mg/kg	190		1	Yes	S3VEM
Nickel	Target	16.2		mg/kg	16.2	*D	2	Yes	S3VEM
Potassium	Target	1110		mg/kg	1110		1	Yes	S3VEM
Selenium	Target	3.7	U	mg/kg	3.7	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	122	J	mg/kg	122	J*	1	Yes	S3VEM
Thallium	Target	2.6	U	mg/kg	2.6	U	1	Yes	S3VEM
Vanadium	Target	13.2		mg/kg	13.2		1	Yes	S3VEM
Zinc	Target	42.8		mg/kg	42.8		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7D4	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	83.9071		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9440		mg/kg	9440		1	Yes	S3VEM
Antimony	Target	10.9	U	mg/kg	10.9	U*D	2	Yes	S3VEM
Arsenic	Target	3.9		mg/kg	3.9		1	Yes	S3VEM
Barium	Target	27.2		mg/kg	27.2		1	Yes	S3VEM
Beryllium	Target	0.51		mg/kg	0.51		1	Yes	S3VEM
Cadmium	Target	0.91	U	mg/kg	0.91	UD	2	Yes	S3VEM
Calcium	Target	1090		mg/kg	1090		1	Yes	S3VEM
Chromium	Target	13.2		mg/kg	13.2		1	Yes	S3VEM
Cobalt	Target	7.8		mg/kg	7.8		1	Yes	S3VEM
Copper	Target	13.9		mg/kg	13.9	*D	2	Yes	S3VEM
Iron	Target	21300		mg/kg	21300	D	2	Yes	S3VEM
Lead	Target	11.4		mg/kg	11.4	*D	2	Yes	S3VEM
Magnesium	Target	4210		mg/kg	4210		1	Yes	S3VEM
Manganese	Target	199		mg/kg	199		1	Yes	S3VEM
Nickel	Target	19.2		mg/kg	19.2	*D	2	Yes	S3VEM
Potassium	Target	854		mg/kg	854		1	Yes	S3VEM
Selenium	Target	3.2	U	mg/kg	3.2	U	1	Yes	S3VEM
Silver	Target	0.91	U	mg/kg	0.91	U	1	Yes	S3VEM
Sodium	Target	73.2	J	mg/kg	73.2	J*	1	Yes	S3VEM
Thallium	Target	2.3	U	mg/kg	2.3	U	1	Yes	S3VEM
Vanadium	Target	13.4		mg/kg	13.4		1	Yes	S3VEM
Zinc	Target	47.2		mg/kg	47.2		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7D4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED20	pH:		Sample Date:	11/16/2015	Sample Time:	16:10:00
% Moisture :				% Solids :	83.9071		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.026	J	mg/kg	0.026	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7H4	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:30:00
% Moisture :				% Solids :	71.3218		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9580		mg/kg	9580		1	Yes	S3VEM
Antimony	Target	12.9	U	mg/kg	12.9	U*D	2	Yes	S3VEM
Arsenic	Target	3.3		mg/kg	3.3		1	Yes	S3VEM
Barium	Target	31.9		mg/kg	31.9		1	Yes	S3VEM
Beryllium	Target	0.40	J	mg/kg	0.40	J	1	Yes	S3VEM
Cadmium	Target	1.1	U	mg/kg	1.1	UD	2	Yes	S3VEM
Calcium	Target	3560		mg/kg	3560		1	Yes	S3VEM
Chromium	Target	12.6		mg/kg	12.6		1	Yes	S3VEM
Cobalt	Target	6.5		mg/kg	6.5		1	Yes	S3VEM
Copper	Target	15.8		mg/kg	15.8	*D	2	Yes	S3VEM
Iron	Target	20600		mg/kg	20600	D	2	Yes	S3VEM
Lead	Target	10.1		mg/kg	10.1	*D	2	Yes	S3VEM
Magnesium	Target	4930		mg/kg	4930		1	Yes	S3VEM
Manganese	Target	429		mg/kg	429		1	Yes	S3VEM
Nickel	Target	18.0		mg/kg	18.0	*D	2	Yes	S3VEM
Potassium	Target	844		mg/kg	844		1	Yes	S3VEM
Selenium	Target	3.8	U	mg/kg	3.8	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	89.5	J	mg/kg	89.5	J*	1	Yes	S3VEM
Thallium	Target	0.55	J	mg/kg	0.55	J	1	Yes	S3VEM
Vanadium	Target	13.5		mg/kg	13.5		1	Yes	S3VEM
Zinc	Target	55.4		mg/kg	55.4		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7H4	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:30:00
% Moisture :				% Solids :	71.3218		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.16	U	mg/kg	0.16	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7H5	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:50:00
% Moisture :				% Solids :	78.3472		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	9230		mg/kg	9230		1	Yes	S3VEM
Antimony	Target	12.7	U	mg/kg	12.7	U*D	2	Yes	S3VEM
Arsenic	Target	1.6		mg/kg	1.6		1	Yes	S3VEM
Barium	Target	29.3		mg/kg	29.3		1	Yes	S3VEM
Beryllium	Target	0.38	J	mg/kg	0.38	J	1	Yes	S3VEM
Cadmium	Target	1.1	U	mg/kg	1.1	UD	2	Yes	S3VEM
Calcium	Target	1630		mg/kg	1630		1	Yes	S3VEM
Chromium	Target	12.0		mg/kg	12.0		1	Yes	S3VEM
Cobalt	Target	6.7		mg/kg	6.7		1	Yes	S3VEM
Copper	Target	15.1		mg/kg	15.1	*D	2	Yes	S3VEM
Iron	Target	18000		mg/kg	18000	D	2	Yes	S3VEM
Lead	Target	12.2		mg/kg	12.2	*D	2	Yes	S3VEM
Magnesium	Target	4070		mg/kg	4070		1	Yes	S3VEM
Manganese	Target	202		mg/kg	202		1	Yes	S3VEM
Nickel	Target	17.3		mg/kg	17.3	*D	2	Yes	S3VEM
Potassium	Target	1080		mg/kg	1080		1	Yes	S3VEM
Selenium	Target	3.7	U	mg/kg	3.7	U	1	Yes	S3VEM
Silver	Target	1.1	U	mg/kg	1.1	U	1	Yes	S3VEM
Sodium	Target	60.0	J	mg/kg	60.0	J*	1	Yes	S3VEM
Thallium	Target	2.7	U	mg/kg	2.7	U	1	Yes	S3VEM
Vanadium	Target	12.3		mg/kg	12.3		1	Yes	S3VEM
Zinc	Target	62.5		mg/kg	62.5		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7H5	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:50:00
% Moisture :				% Solids :	78.3472		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.020	J	mg/kg	0.020	J	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7H6	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:40:00
% Moisture :				% Solids :	80.7755		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.13	U	mg/kg	0.13	U	1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7H6	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED21	pH:		Sample Date:	11/16/2015	Sample Time:	16:40:00
% Moisture :				% Solids :	80.7755		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	10700		mg/kg	10700		1	Yes	S3VEM
Antimony	Target	12.1	U	mg/kg	12.1	U*D	2	Yes	S3VEM
Arsenic	Target	3.1		mg/kg	3.1		1	Yes	S3VEM
Barium	Target	30.8		mg/kg	30.8		1	Yes	S3VEM
Beryllium	Target	0.43	J	mg/kg	0.43	J	1	Yes	S3VEM
Cadmium	Target	1.0	U	mg/kg	1.0	UD	2	Yes	S3VEM
Calcium	Target	2950		mg/kg	2950		1	Yes	S3VEM
Chromium	Target	13.1		mg/kg	13.1		1	Yes	S3VEM
Cobalt	Target	7.0		mg/kg	7.0		1	Yes	S3VEM
Copper	Target	18.0		mg/kg	18.0	*D	2	Yes	S3VEM
Iron	Target	22700		mg/kg	22700	D	2	Yes	S3VEM
Lead	Target	12.2		mg/kg	12.2	*D	2	Yes	S3VEM
Magnesium	Target	5160		mg/kg	5160		1	Yes	S3VEM
Manganese	Target	303		mg/kg	303		1	Yes	S3VEM
Nickel	Target	19.5		mg/kg	19.5	*D	2	Yes	S3VEM
Potassium	Target	1030		mg/kg	1030		1	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	66.5	J	mg/kg	66.5	J*	1	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Vanadium	Target	14.6		mg/kg	14.6		1	Yes	S3VEM
Zinc	Target	59.3		mg/kg	59.3		1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number:	MBC7J0	Method:	Metals by ICP-AES	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:55:00
% Moisture :				% Solids :	33.9475		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	13300	J	mg/kg	13300		1	Yes	S3VEM
Antimony	Target	15.5	UJ	mg/kg	15.5	U*	1	Yes	S3VEM
Arsenic	Target	2.9	J	mg/kg	2.9		1	Yes	S3VEM
Barium	Target	69.3	J	mg/kg	69.3		1	Yes	S3VEM
Beryllium	Target	0.53	J	mg/kg	0.53	J	1	Yes	S3VEM
Cadmium	Target	0.32	J	mg/kg	0.32	J	1	Yes	S3VEM
Calcium	Target	7520	J	mg/kg	7520		1	Yes	S3VEM
Chromium	Target	15.1	J	mg/kg	15.1		1	Yes	S3VEM
Cobalt	Target	8.4	J	mg/kg	8.4	J	1	Yes	S3VEM
Copper	Target	27.0	J	mg/kg	27.0	*	1	Yes	S3VEM
Iron	Target	20900	J	mg/kg	20900		1	Yes	S3VEM
Lead	Target	27.2	J	mg/kg	27.2	*	1	Yes	S3VEM
Magnesium	Target	5810	J	mg/kg	5810		1	Yes	S3VEM
Manganese	Target	613	J	mg/kg	613		1	Yes	S3VEM
Nickel	Target	18.2	J	mg/kg	18.2	*	1	Yes	S3VEM
Potassium	Target	1170	J	mg/kg	1170	J	1	Yes	S3VEM
Selenium	Target	9.1	UJ	mg/kg	9.1	U	1	Yes	S3VEM
Silver	Target	2.6	UJ	mg/kg	2.6	U	1	Yes	S3VEM
Sodium	Target	139	J	mg/kg	139	J*	1	Yes	S3VEM
Thallium	Target	6.5	UJ	mg/kg	6.5	U	1	Yes	S3VEM
Vanadium	Target	16.0	J	mg/kg	16.0		1	Yes	S3VEM
Zinc	Target	112	J	mg/kg	112		1	Yes	S3VEM

Case No:	45717	Contract:	EPW14035	SDG No:	MBC7B7	Lab Code:	EQI

Sample Number:	MBC7J0	Method:	Mercury by Cold Vapor	Matrix:	Soil	MA Number:	
Sample Location:	0269-SED15	pH:		Sample Date:	11/16/2015	Sample Time:	09:55:00
% Moisture :				% Solids :	33.9475		

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.058	J	mg/kg	0.058	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBS001	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBS002	Method: Metals by ICP-AES	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Antimony	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM
Arsenic	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Barium	Target	20.0	U	mg/kg	20.0	U	1	Yes	S3VEM
Beryllium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Cadmium	Target	0.50	U	mg/kg	0.50	U	1	Yes	S3VEM
Calcium	Target	11.0	J	mg/kg	11.0	J	1	Yes	S3VEM
Chromium	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Cobalt	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Copper	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Iron	Target	10.0	U	mg/kg	10.0	U	1	Yes	S3VEM
Lead	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Magnesium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Manganese	Target	1.5	U	mg/kg	1.5	U	1	Yes	S3VEM
Nickel	Target	4.0	U	mg/kg	4.0	U	1	Yes	S3VEM
Potassium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Selenium	Target	3.5	U	mg/kg	3.5	U	1	Yes	S3VEM
Silver	Target	1.0	U	mg/kg	1.0	U	1	Yes	S3VEM
Sodium	Target	500	U	mg/kg	500	U	1	Yes	S3VEM
Thallium	Target	2.5	U	mg/kg	2.5	U	1	Yes	S3VEM
Vanadium	Target	5.0	U	mg/kg	5.0	U	1	Yes	S3VEM
Zinc	Target	6.0	U	mg/kg	6.0	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBS003	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBS004	Method: Mercury by Cold Vapor	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.12	U	mg/kg	0.12	U	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBW001	Method: Mercury by Cold Vapor	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Mercury	Target	0.043	J	ug/L	0.043	J	1	Yes	S3VEM

Case No: 45717	Contract: EPW14035	SDG No: MBC7B7	Lab Code: EQI

Sample Number: PBW001	Method: Metals by ICP-AES	Matrix: Water	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture :		% Solids :	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aluminum	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Antimony	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM
Arsenic	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Barium	Target	200	U	ug/L	200	U	1	Yes	S3VEM
Beryllium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Cadmium	Target	5.0	U	ug/L	5.0	U	1	Yes	S3VEM
Calcium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Chromium	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Cobalt	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Copper	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Iron	Target	100	U	ug/L	100	U	1	Yes	S3VEM
Lead	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Magnesium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Manganese	Target	15.0	U	ug/L	15.0	U	1	Yes	S3VEM
Nickel	Target	40.0	U	ug/L	40.0	U	1	Yes	S3VEM
Potassium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Selenium	Target	35.0	U	ug/L	35.0	U	1	Yes	S3VEM
Silver	Target	10.0	U	ug/L	10.0	U	1	Yes	S3VEM
Sodium	Target	5000	U	ug/L	5000	U	1	Yes	S3VEM
Thallium	Target	25.0	U	ug/L	25.0	U	1	Yes	S3VEM
Vanadium	Target	50.0	U	ug/L	50.0	U	1	Yes	S3VEM
Zinc	Target	60.0	U	ug/L	60.0	U	1	Yes	S3VEM

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7B8D	Sediment	11/16/2015	1	7429-90-5	Aluminum	15700			7.6	20	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7440-36-0	Antimony	21.9	UD	U	0.35	6	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-38-2	Arsenic	4.3			0.39	1	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-39-3	Barium	84.6			0.20	20	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.62	J		0.0079	0.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.43	JD		0.040	0.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-70-2	Calcium	9290			6.9	500	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-47-3	Chromium	16.9			0.12	1	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-48-4	Cobalt	10.7			0.068	5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7440-50-8	Copper	33.0	D		0.24	2.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7439-89-6	Iron	25400	D		2.6	10	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7439-92-1	Lead	43.9	D		0.28	1	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7439-95-4	Magnesium	5760			9.7	500	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7439-96-5	Manganese	628			0.086	1.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	2	7440-02-0	Nickel	21.2	D		0.21	4	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-09-7	Potassium	1440			10.9	500	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7782-49-2	Selenium	6.4	U	U	0.62	3.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-22-4	Silver	1.8	U	U	0.19	1	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-23-5	Sodium	104	J		4.9	500	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-28-0	Thallium	4.6	U	U	0.36	2.5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-62-2	Vanadium	20.5			0.13	5	mg/kg	0269-SED15-12-24
MBC7B8D	Sediment	11/16/2015	1	7440-66-6	Zinc	117			0.26	6	mg/kg	0269-SED15-12-24
MBC7B9D	Sediment	11/16/2015	1	7429-90-5	Aluminum	16500			7.6	20	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-36-0	Antimony	12.8	U	U	0.35	6	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.3			0.39	1	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-39-3	Barium	89.2			0.20	20	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.67	J		0.0079	0.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.44	J		0.040	0.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-70-2	Calcium	10700			6.9	500	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-47-3	Chromium	18.3			0.12	1	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.3	J		0.068	5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-50-8	Copper	34.4			0.24	2.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7439-89-6	Iron	23900			2.6	10	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7439-92-1	Lead	41.9			0.28	1	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7439-95-4	Magnesium	6510			9.7	500	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7439-96-5	Manganese	616			0.086	1.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-02-0	Nickel	23.3			0.21	4	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-09-7	Potassium	1440			10.9	500	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7782-49-2	Selenium	7.5	U	U	0.62	3.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-22-4	Silver	2.1	U	U	0.19	1	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-23-5	Sodium	137	J		4.9	500	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-28-0	Thallium	0.78	J		0.36	2.5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-62-2	Vanadium	24.7			0.13	5	mg/kg	0269-SED15-6-12
MBC7B9D	Sediment	11/16/2015	1	7440-66-6	Zinc	133			0.26	6	mg/kg	0269-SED15-6-12
MBC764	DI Water	11/16/2015	1	7429-90-5	Aluminum	200	U	U	95.2	200	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-36-0	Antimony	60.0	U	U	7.8	60	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-38-2	Arsenic	10.0	U	U	3.9	10	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-39-3	Barium	200	U	U	19.1	200	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-41-7	Beryllium	5.0	U	U	0.052	5	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-43-9	Cadmium	5.0	U	U	0.60	5	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-70-2	Calcium	5000	U	U	503	5000	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-47-3	Chromium	10.0	U	U	1.8	10	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-48-4	Cobalt	50.0	U	U	0.25	50	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-50-8	Copper	25.0	U	U	5.0	25	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7439-89-6	Iron	26.4	J	J	18.8	100	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7439-92-1	Lead	10.0	U	U	3.5	10	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7439-95-4	Magnesium	5000	U	U	50.9	5000	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7439-96-5	Manganese	1.2	J	J	0.43	15	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-02-0	Nickel	40.0	U	U	1.1	40	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-09-7	Potassium	5000	U	U	90.5	5000	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7782-49-2	Selenium	35.0	U	U	5.5	35	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-22-4	Silver	10.0	U	U	1.6	10	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-23-5	Sodium	5000	U	U	516	5000	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-28-0	Thallium	25.0	U	U	3.8	25	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-62-2	Vanadium	50.0	U	U	1.1	50	ug/L	0269-RIN05
MBC764	DI Water	11/16/2015	1	7440-66-6	Zinc	60.0	U	U	6.6	60	ug/L	0269-RIN05
MBC7B7	Sediment	11/16/2015	1	7429-90-5	Aluminum	14100		J	7.6	20	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-36-0	Antimony	14.9	U*	UJ	0.35	6	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.9		J	0.39	1	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-39-3	Barium	74.0		J	0.20	20	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.56	J	J	0.0079	0.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.34	J	J	0.040	0.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-70-2	Calcium	7970		J	6.9	500	mg/kg	0269-SED15-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7B7	Sediment	11/16/2015	1	7440-47-3	Chromium	16.0		J	0.12	1	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-48-4	Cobalt	8.9	J	J	0.068	5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-50-8	Copper	28.1	*	J	0.24	2.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7439-89-6	Iron	21700		J	2.6	10	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7439-92-1	Lead	28.9	*	J	0.28	1	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7439-95-4	Magnesium	6130		J	9.7	500	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7439-96-5	Manganese	593		J	0.086	1.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-02-0	Nickel	19.6	*	J	0.21	4	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-09-7	Potassium	1280		J	10.9	500	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7782-49-2	Selenium	8.7	U	UJ	0.62	3.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-22-4	Silver	2.5	U	UJ	0.19	1	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-23-5	Sodium	142	J*	J	4.9	500	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-28-0	Thallium	6.2	U	UJ	0.36	2.5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-62-2	Vanadium	16.8		J	0.13	5	mg/kg	0269-SED15-0-6
MBC7B7	Sediment	11/16/2015	1	7440-66-6	Zinc	119		J	0.26	6	mg/kg	0269-SED15-0-6
MBC7B8	Sediment	11/16/2015	1	7429-90-5	Aluminum	16500		J	7.6	20	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7440-36-0	Antimony	18.5	U*D	UJ	0.35	6	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-38-2	Arsenic	4.2		J	0.39	1	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-39-3	Barium	86.6		J	0.20	20	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.67	J	J	0.0079	0.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.49	JD	J	0.040	0.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-70-2	Calcium	10000		J	6.9	500	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-47-3	Chromium	18.3		J	0.12	1	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.9		J	0.068	5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7440-50-8	Copper	33.8	*D	J	0.24	2.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7439-89-6	Iron	23900	D	J	2.6	10	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7439-92-1	Lead	46.5	*D	J	0.28	1	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7439-95-4	Magnesium	6110		J	9.7	500	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7439-96-5	Manganese	566		J	0.086	1.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	2	7440-02-0	Nickel	21.5	*D	J	0.21	4	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-09-7	Potassium	1430		J	10.9	500	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7782-49-2	Selenium	0.96	J	J	0.62	3.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-22-4	Silver	1.5	U	UJ	0.19	1	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-23-5	Sodium	123	J*	J	4.9	500	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-28-0	Thallium	0.59	J	J	0.36	2.5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-62-2	Vanadium	21.1		J	0.13	5	mg/kg	0269-SED15-12-24
MBC7B8	Sediment	11/16/2015	1	7440-66-6	Zinc	128		J	0.26	6	mg/kg	0269-SED15-12-24
MBC7B9	Sediment	11/16/2015	1	7429-90-5	Aluminum	18500		J	7.6	20	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-36-0	Antimony	13.2	U*	UJ	0.35	6	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.6		J	0.39	1	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-39-3	Barium	100		J	0.20	20	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.70	J	J	0.0079	0.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.41	J	J	0.040	0.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-70-2	Calcium	12000		J	6.9	500	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-47-3	Chromium	19.0		J	0.12	1	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.8	J	J	0.068	5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-50-8	Copper	35.9	*	J	0.24	2.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7439-89-6	Iron	26900		J	2.6	10	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7439-92-1	Lead	44.0	*	J	0.28	1	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7439-95-4	Magnesium	7420		J	9.7	500	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7439-96-5	Manganese	610		J	0.086	1.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-02-0	Nickel	24.4	*	J	0.21	4	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-09-7	Potassium	1580		J	10.9	500	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7782-49-2	Selenium	7.7	U	UJ	0.62	3.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-22-4	Silver	2.2	U	UJ	0.19	1	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-23-5	Sodium	154	J*	J	4.9	500	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-28-0	Thallium	5.5	U	UJ	0.36	2.5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-62-2	Vanadium	25.4		J	0.13	5	mg/kg	0269-SED15-6-12
MBC7B9	Sediment	11/16/2015	1	7440-66-6	Zinc	140		J	0.26	6	mg/kg	0269-SED15-6-12
MBC7C0	Sediment	11/16/2015	1	7429-90-5	Aluminum	13800		J	7.6	20	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-36-0	Antimony	13.9	U*	UJ	0.35	6	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.2		J	0.39	1	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-39-3	Barium	70.7		J	0.20	20	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.55	J	J	0.0079	0.5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.38	J	J	0.040	0.5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-70-2	Calcium	6940		J	6.9	500	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-47-3	Chromium	15.8		J	0.12	1	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-48-4	Cobalt	8.8	J	J	0.068	5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-50-8	Copper	27.4	*	J	0.24	2.5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7439-89-6	Iron	20900		J	2.6	10	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7439-92-1	Lead	29.7	*	J	0.28	1	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7439-95-4	Magnesium	5880		J	9.7	500	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7439-96-5	Manganese	779		J	0.086	1.5	mg/kg	0269-SED16-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7C0	Sediment	11/16/2015	1	7440-02-0	Nickel	19.3	*	J	0.21	4	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-09-7	Potassium	1390		J	10.9	500	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7782-49-2	Selenium	8.1	U	UJ	0.62	3.5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-22-4	Silver	2.3	U	UJ	0.19	1	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-23-5	Sodium	128	J*	J	4.9	500	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-28-0	Thallium	5.8	U	UJ	0.36	2.5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-62-2	Vanadium	17.9		J	0.13	5	mg/kg	0269-SED16-0-6
MBC7C0	Sediment	11/16/2015	1	7440-66-6	Zinc	122		J	0.26	6	mg/kg	0269-SED16-0-6
MBC7C1	Sediment	11/16/2015	1	7429-90-5	Aluminum	16600		J	7.6	20	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7440-36-0	Antimony	18.9	U*D	UJ	0.35	6	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-38-2	Arsenic	5.0		J	0.39	1	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-39-3	Barium	83.1		J	0.20	20	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.68	J	J	0.0079	0.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.54	JD	J	0.040	0.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-70-2	Calcium	5260		J	6.9	500	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-47-3	Chromium	18.1		J	0.12	1	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-48-4	Cobalt	10.3		J	0.068	5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7440-50-8	Copper	38.1	*D	J	0.24	2.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7439-89-6	Iron	26700	D	J	2.6	10	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7439-92-1	Lead	51.4	*D	J	0.28	1	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7439-95-4	Magnesium	6240		J	9.7	500	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7439-96-5	Manganese	645		J	0.086	1.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	2	7440-02-0	Nickel	24.1	*D	J	0.21	4	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-09-7	Potassium	1290		J	10.9	500	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7782-49-2	Selenium	5.5	U	UJ	0.62	3.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-22-4	Silver	1.6	U	UJ	0.19	1	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-23-5	Sodium	106	J*	J	4.9	500	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-28-0	Thallium	3.9	U	UJ	0.36	2.5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-62-2	Vanadium	20.3		J	0.13	5	mg/kg	0269-SED16-12-24
MBC7C1	Sediment	11/16/2015	1	7440-66-6	Zinc	129		J	0.26	6	mg/kg	0269-SED16-12-24
MBC7C2	Sediment	11/16/2015	1	7429-90-5	Aluminum	13900		J	7.6	20	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-36-0	Antimony	10.2	U*	UJ	0.35	6	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.2		J	0.39	1	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-39-3	Barium	65.6		J	0.20	20	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.55	J	J	0.0079	0.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.32	J	J	0.040	0.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-70-2	Calcium	5490		J	6.9	500	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-47-3	Chromium	15.8		J	0.12	1	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.3		J	0.068	5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-50-8	Copper	27.9	*	J	0.24	2.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7439-89-6	Iron	21400		J	2.6	10	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7439-92-1	Lead	40.1	*	J	0.28	1	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7439-95-4	Magnesium	5840		J	9.7	500	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7439-96-5	Manganese	599		J	0.086	1.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-02-0	Nickel	20.5	*	J	0.21	4	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-09-7	Potassium	1170		J	10.9	500	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7782-49-2	Selenium	6.0	U	UJ	0.62	3.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-22-4	Silver	1.7	U	UJ	0.19	1	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-23-5	Sodium	97.0	J*	J	4.9	500	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-28-0	Thallium	4.3	U	UJ	0.36	2.5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-62-2	Vanadium	19.6		J	0.13	5	mg/kg	0269-SED16-6-12
MBC7C2	Sediment	11/16/2015	1	7440-66-6	Zinc	113		J	0.26	6	mg/kg	0269-SED16-6-12
MBC7C3	Sediment	11/16/2015	1	7429-90-5	Aluminum	15300			7.6	20	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-36-0	Antimony	9.9	U*	U	0.35	6	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.1			0.39	1	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-39-3	Barium	77.7			0.20	20	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.60	J	J	0.0079	0.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.22	J	J	0.040	0.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-70-2	Calcium	2630			6.9	500	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-47-3	Chromium	15.8			0.12	1	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-48-4	Cobalt	8.7			0.068	5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-50-8	Copper	22.0	*		0.24	2.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7439-89-6	Iron	20600			2.6	10	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7439-92-1	Lead	22.8	*		0.28	1	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7439-95-4	Magnesium	5120			9.7	500	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7439-96-5	Manganese	352			0.086	1.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-02-0	Nickel	19.5	*		0.21	4	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-09-7	Potassium	1290			10.9	500	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7782-49-2	Selenium	5.8	U	U	0.62	3.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-22-4	Silver	1.6	U	U	0.19	1	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-23-5	Sodium	108	J*	J	4.9	500	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-28-0	Thallium	4.1	U	U	0.36	2.5	mg/kg	0269-SED17-0-6
MBC7C3	Sediment	11/16/2015	1	7440-62-2	Vanadium	17.1			0.13	5	mg/kg	0269-SED17-0-6

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7C3	Sediment	11/16/2015	1	7440-66-6	Zinc	79.9			0.26	6	mg/kg	0269-SED17-0-6
MBC7C4	Sediment	11/16/2015	1	7429-90-5	Aluminum	15500			7.6	20	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7440-36-0	Antimony	13.9	U*D	U	0.35	6	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-38-2	Arsenic	1.8			0.39	1	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-39-3	Barium	86.7			0.20	20	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.62			0.0079	0.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.16	JD	J	0.040	0.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-70-2	Calcium	1900			6.9	500	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-47-3	Chromium	15.6			0.12	1	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-48-4	Cobalt	8.2			0.068	5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7440-50-8	Copper	19.9	*D		0.24	2.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7439-89-6	Iron	22900	D		2.6	10	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7439-92-1	Lead	15.8	*D		0.28	1	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7439-95-4	Magnesium	4960			9.7	500	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7439-96-5	Manganese	328			0.086	1.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	2	7440-02-0	Nickel	21.2	*D		0.21	4	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-09-7	Potassium	1100			10.9	500	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7782-49-2	Selenium	4.0	U	U	0.62	3.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-22-4	Silver	1.2	U	U	0.19	1	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-23-5	Sodium	78.4	J*	J	4.9	500	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-28-0	Thallium	2.9	U	U	0.36	2.5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-62-2	Vanadium	16.6			0.13	5	mg/kg	0269-SED17-12-24
MBC7C4	Sediment	11/16/2015	1	7440-66-6	Zinc	69.1			0.26	6	mg/kg	0269-SED17-12-24
MBC7C5	Sediment	11/16/2015	1	7429-90-5	Aluminum	14900		J	7.6	20	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-36-0	Antimony	9.0	U*	UJ	0.35	6	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.8		J	0.39	1	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-39-3	Barium	78.1		J	0.20	20	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.62	J	J	0.0079	0.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.20	J	J	0.040	0.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-70-2	Calcium	2590		J	6.9	500	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-47-3	Chromium	15.6		J	0.12	1	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.4		J	0.068	5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-50-8	Copper	21.5	*	J	0.24	2.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7439-89-6	Iron	21300		J	2.6	10	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7439-92-1	Lead	18.8	*	J	0.28	1	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7439-95-4	Magnesium	5160		J	9.7	500	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7439-96-5	Manganese	474		J	0.086	1.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-02-0	Nickel	20.1	*	J	0.21	4	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-09-7	Potassium	1060		J	10.9	500	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7782-49-2	Selenium	5.3	U	UJ	0.62	3.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-22-4	Silver	1.5	U	UJ	0.19	1	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-23-5	Sodium	106	J*	J	4.9	500	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-28-0	Thallium	3.8	U	UJ	0.36	2.5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-62-2	Vanadium	15.9		J	0.13	5	mg/kg	0269-SED17-6-12
MBC7C5	Sediment	11/16/2015	1	7440-66-6	Zinc	74.8		J	0.26	6	mg/kg	0269-SED17-6-12
MBC7C6	Sediment	11/16/2015	1	7429-90-5	Aluminum	12200			7.6	20	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7440-36-0	Antimony	12.4	U*D	U	0.35	6	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-38-2	Arsenic	4.1			0.39	1	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-39-3	Barium	47.3			0.20	20	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.47	J	J	0.0079	0.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7440-43-9	Cadmium	1.0	UD	U	0.040	0.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-70-2	Calcium	1520			6.9	500	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-47-3	Chromium	13.7			0.12	1	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.0			0.068	5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7440-50-8	Copper	14.4	*D		0.24	2.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7439-89-6	Iron	27800	D		2.6	10	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7439-92-1	Lead	12.7	*D		0.28	1	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7439-95-4	Magnesium	6210			9.7	500	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7439-96-5	Manganese	444			0.086	1.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	2	7440-02-0	Nickel	20.5	*D		0.21	4	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-09-7	Potassium	1060			10.9	500	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7782-49-2	Selenium	3.6	U	U	0.62	3.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-22-4	Silver	1.0	U	U	0.19	1	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-23-5	Sodium	50.6	J*	J	4.9	500	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-28-0	Thallium	0.41	J	J	0.36	2.5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-62-2	Vanadium	13.4			0.13	5	mg/kg	0269-SED18-0-6
MBC7C6	Sediment	11/16/2015	1	7440-66-6	Zinc	73.6			0.26	6	mg/kg	0269-SED18-0-6
MBC7C7	Sediment	11/16/2015	1	7429-90-5	Aluminum	13500			7.6	20	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7440-36-0	Antimony	25.6	U*D	U	0.35	6	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-38-2	Arsenic	4.1			0.39	1	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-39-3	Barium	49.0			0.20	20	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.51			0.0079	0.5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7440-43-9	Cadmium	2.1	UD	U	0.040	0.5	mg/kg	0269-SED18-12-24

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SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7C7	Sediment	11/16/2015	1	7440-70-2	Calcium	3320			6.9	500	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-47-3	Chromium	14.9			0.12	1	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-48-4	Cobalt	9.0			0.068	5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7440-50-8	Copper	22.1	*D		0.24	2.5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7439-89-6	Iron	34200	D		2.6	10	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7439-92-1	Lead	13.4	*D		0.28	1	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7439-95-4	Magnesium	6410			9.7	500	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7439-96-5	Manganese	404			0.086	1.5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	5	7440-02-0	Nickel	27.4	*D		0.21	4	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-09-7	Potassium	776			10.9	500	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7782-49-2	Selenium	3.0	U	U	0.62	3.5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-22-4	Silver	0.85	U	U	0.19	1	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-23-5	Sodium	53.2	J*	J	4.9	500	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-28-0	Thallium	0.38	J	J	0.36	2.5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-62-2	Vanadium	14.8			0.13	5	mg/kg	0269-SED18-12-24
MBC7C7	Sediment	11/16/2015	1	7440-66-6	Zinc	65.9			0.26	6	mg/kg	0269-SED18-12-24
MBC7C8	Sediment	11/16/2015	1	7429-90-5	Aluminum	11500			7.6	20	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7440-36-0	Antimony	12.6	U*D	U	0.35	6	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.7			0.39	1	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-39-3	Barium	43.2			0.20	20	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.43	J	J	0.0079	0.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.11	JD	J	0.040	0.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-70-2	Calcium	3340			6.9	500	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-47-3	Chromium	12.1			0.12	1	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-48-4	Cobalt	7.7			0.068	5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7440-50-8	Copper	15.7	*D		0.24	2.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7439-89-6	Iron	25700	D		2.6	10	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7439-92-1	Lead	16.2	*D		0.28	1	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7439-95-4	Magnesium	6430			9.7	500	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7439-96-5	Manganese	453			0.086	1.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	2	7440-02-0	Nickel	19.5	*D		0.21	4	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-09-7	Potassium	791			10.9	500	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7782-49-2	Selenium	3.7	U	U	0.62	3.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-22-4	Silver	1.0	U	U	0.19	1	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-23-5	Sodium	55.3	J*	J	4.9	500	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-28-0	Thallium	0.59	J	J	0.36	2.5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-62-2	Vanadium	14.0			0.13	5	mg/kg	0269-SED18-6-12
MBC7C8	Sediment	11/16/2015	1	7440-66-6	Zinc	73.4			0.26	6	mg/kg	0269-SED18-6-12
MBC7D2	Sediment	11/16/2015	1	7429-90-5	Aluminum	8470			7.6	20	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-36-0	Antimony	6.8	U*	U	0.35	6	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.2			0.39	1	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-39-3	Barium	25.0			0.20	20	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.33	J	J	0.0079	0.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.56	U	U	0.040	0.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-70-2	Calcium	787			6.9	500	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-47-3	Chromium	11.0			0.12	1	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-48-4	Cobalt	5.8			0.068	5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-50-8	Copper	13.1	*		0.24	2.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7439-89-6	Iron	15400			2.6	10	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7439-92-1	Lead	8.8	*		0.28	1	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7439-95-4	Magnesium	3880			9.7	500	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7439-96-5	Manganese	164			0.086	1.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-02-0	Nickel	14.6	*		0.21	4	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-09-7	Potassium	906			10.9	500	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7782-49-2	Selenium	3.9	U	U	0.62	3.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-22-4	Silver	1.1	U	U	0.19	1	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-23-5	Sodium	65.7	J*	J	4.9	500	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-28-0	Thallium	2.8	U	U	0.36	2.5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-62-2	Vanadium	11.4			0.13	5	mg/kg	0269-SED20-0-6
MBC7D2	Sediment	11/16/2015	1	7440-66-6	Zinc	43.5			0.26	6	mg/kg	0269-SED20-0-6
MBC7D3	Sediment	11/16/2015	1	7429-90-5	Aluminum	9260			7.6	20	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7440-36-0	Antimony	12.5	U*D	U	0.35	6	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.4			0.39	1	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-39-3	Barium	30.7			0.20	20	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.40	J	J	0.0079	0.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.089	JD	J	0.040	0.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-70-2	Calcium	1680			6.9	500	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-47-3	Chromium	11.5			0.12	1	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-48-4	Cobalt	6.1			0.068	5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7440-50-8	Copper	12.6	*D		0.24	2.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7439-89-6	Iron	17500	D		2.6	10	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7439-92-1	Lead	7.8	*D		0.28	1	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7439-95-4	Magnesium	3900			9.7	500	mg/kg	0269-SED20-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7D3	Sediment	11/16/2015	1	7439-96-5	Manganese	190			0.086	1.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	2	7440-02-0	Nickel	16.2	*D		0.21	4	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-09-7	Potassium	1110			10.9	500	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7782-49-2	Selenium	3.7	U	U	0.62	3.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-22-4	Silver	1.0	U	U	0.19	1	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-23-5	Sodium	122	J*	J	4.9	500	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-28-0	Thallium	2.6	U	U	0.36	2.5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-62-2	Vanadium	13.2			0.13	5	mg/kg	0269-SED20-12-24
MBC7D3	Sediment	11/16/2015	1	7440-66-6	Zinc	42.8			0.26	6	mg/kg	0269-SED20-12-24
MBC7D4	Sediment	11/16/2015	1	7429-90-5	Aluminum	9440			7.6	20	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7440-36-0	Antimony	10.9	U*D	U	0.35	6	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.9			0.39	1	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-39-3	Barium	27.2			0.20	20	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.51			0.0079	0.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7440-43-9	Cadmium	0.91	UD	U	0.040	0.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-70-2	Calcium	1090			6.9	500	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-47-3	Chromium	13.2			0.12	1	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-48-4	Cobalt	7.8			0.068	5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7440-50-8	Copper	13.9	*D		0.24	2.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7439-89-6	Iron	21300	D		2.6	10	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7439-92-1	Lead	11.4	*D		0.28	1	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7439-95-4	Magnesium	4210			9.7	500	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7439-96-5	Manganese	199			0.086	1.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	2	7440-02-0	Nickel	19.2	*D		0.21	4	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-09-7	Potassium	854			10.9	500	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7782-49-2	Selenium	3.2	U	U	0.62	3.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-22-4	Silver	0.91	U	U	0.19	1	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-23-5	Sodium	73.2	J*	J	4.9	500	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-28-0	Thallium	2.3	U	U	0.36	2.5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-62-2	Vanadium	13.4			0.13	5	mg/kg	0269-SED20-6-12
MBC7D4	Sediment	11/16/2015	1	7440-66-6	Zinc	47.2			0.26	6	mg/kg	0269-SED20-6-12
MBC7H4	Sediment	11/16/2015	1	7429-90-5	Aluminum	9580			7.6	20	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7440-36-0	Antimony	12.9	U*D	U	0.35	6	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.3			0.39	1	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-39-3	Barium	31.9			0.20	20	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.40	J	J	0.0079	0.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7440-43-9	Cadmium	1.1	UD	U	0.040	0.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-70-2	Calcium	3560			6.9	500	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-47-3	Chromium	12.6			0.12	1	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-48-4	Cobalt	6.5			0.068	5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7440-50-8	Copper	15.8	*D		0.24	2.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7439-89-6	Iron	20600	D		2.6	10	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7439-92-1	Lead	10.1	*D		0.28	1	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7439-95-4	Magnesium	4930			9.7	500	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7439-96-5	Manganese	429			0.086	1.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	2	7440-02-0	Nickel	18.0	*D		0.21	4	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-09-7	Potassium	844			10.9	500	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7782-49-2	Selenium	3.8	U	U	0.62	3.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-22-4	Silver	1.1	U	U	0.19	1	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-23-5	Sodium	89.5	J*	J	4.9	500	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-28-0	Thallium	0.55	J	J	0.36	2.5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-62-2	Vanadium	13.5			0.13	5	mg/kg	0269-SED21-0-6
MBC7H4	Sediment	11/16/2015	1	7440-66-6	Zinc	55.4			0.26	6	mg/kg	0269-SED21-0-6
MBC7H5	Sediment	11/16/2015	1	7429-90-5	Aluminum	9230			7.6	20	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7440-36-0	Antimony	12.7	U*D	U	0.35	6	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-38-2	Arsenic	1.6			0.39	1	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-39-3	Barium	29.3			0.20	20	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.38	J	J	0.0079	0.5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7440-43-9	Cadmium	1.1	UD	U	0.040	0.5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-70-2	Calcium	1630			6.9	500	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-47-3	Chromium	12.0			0.12	1	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-48-4	Cobalt	6.7			0.068	5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7440-50-8	Copper	15.1	*D		0.24	2.5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7439-89-6	Iron	18000	D		2.6	10	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7439-92-1	Lead	12.2	*D		0.28	1	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7439-95-4	Magnesium	4070			9.7	500	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7439-96-5	Manganese	202			0.086	1.5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	2	7440-02-0	Nickel	17.3	*D		0.21	4	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-09-7	Potassium	1080			10.9	500	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7782-49-2	Selenium	3.7	U	U	0.62	3.5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-22-4	Silver	1.1	U	U	0.19	1	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-23-5	Sodium	60.0	J*	J	4.9	500	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-28-0	Thallium	2.7	U	U	0.36	2.5	mg/kg	0269-SED21-12-24

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
MBC7H5	Sediment	11/16/2015	1	7440-62-2	Vanadium	12.3			0.13	5	mg/kg	0269-SED21-12-24
MBC7H5	Sediment	11/16/2015	1	7440-66-6	Zinc	62.5			0.26	6	mg/kg	0269-SED21-12-24
MBC7H6	Sediment	11/16/2015	1	7429-90-5	Aluminum	10700			7.6	20	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7440-36-0	Antimony	12.1	U*D	U	0.35	6	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-38-2	Arsenic	3.1			0.39	1	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-39-3	Barium	30.8			0.20	20	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.43	J	J	0.0079	0.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7440-43-9	Cadmium	1.0	UD	U	0.040	0.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-70-2	Calcium	2950			6.9	500	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-47-3	Chromium	13.1			0.12	1	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-48-4	Cobalt	7.0			0.068	5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7440-50-8	Copper	18.0	*D		0.24	2.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7439-89-6	Iron	22700	D		2.6	10	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7439-92-1	Lead	12.2	*D		0.28	1	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7439-95-4	Magnesium	5160			9.7	500	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7439-96-5	Manganese	303			0.086	1.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	2	7440-02-0	Nickel	19.5	*D		0.21	4	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-09-7	Potassium	1030			10.9	500	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7782-49-2	Selenium	3.5	U	U	0.62	3.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-22-4	Silver	1.0	U	U	0.19	1	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-23-5	Sodium	66.5	J*	J	4.9	500	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-28-0	Thallium	2.5	U	U	0.36	2.5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-62-2	Vanadium	14.6			0.13	5	mg/kg	0269-SED21-6-12
MBC7H6	Sediment	11/16/2015	1	7440-66-6	Zinc	59.3			0.26	6	mg/kg	0269-SED21-6-12
MBC7J0	Sediment	11/16/2015	1	7429-90-5	Aluminum	13300		J	7.6	20	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-36-0	Antimony	15.5	U*	UJ	0.35	6	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-38-2	Arsenic	2.9		J	0.39	1	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-39-3	Barium	69.3		J	0.20	20	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-41-7	Beryllium	0.53	J	J	0.0079	0.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-43-9	Cadmium	0.32	J	J	0.040	0.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-70-2	Calcium	7520		J	6.9	500	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-47-3	Chromium	15.1		J	0.12	1	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-48-4	Cobalt	8.4	J	J	0.068	5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-50-8	Copper	27.0	*	J	0.24	2.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7439-89-6	Iron	20900		J	2.6	10	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7439-92-1	Lead	27.2	*	J	0.28	1	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7439-95-4	Magnesium	5810		J	9.7	500	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7439-96-5	Manganese	613		J	0.086	1.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-02-0	Nickel	18.2	*	J	0.21	4	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-09-7	Potassium	1170	J	J	10.9	500	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7782-49-2	Selenium	9.1	U	UJ	0.62	3.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-22-4	Silver	2.6	U	UJ	0.19	1	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-23-5	Sodium	139	J*	J	4.9	500	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-28-0	Thallium	6.5	U	UJ	0.36	2.5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-62-2	Vanadium	16.0		J	0.13	5	mg/kg	0269-SED23-0-6
MBC7J0	Sediment	11/16/2015	1	7440-66-6	Zinc	112		J	0.26	6	mg/kg	0269-SED23-0-6
LCS001			1	7429-90-5	Aluminum	386			95.2	200	ug/L	
LCS001			1	7440-36-0	Antimony	120			7.8	60	ug/L	
LCS001			1	7440-38-2	Arsenic	21.3			3.9	10	ug/L	
LCS001			1	7440-39-3	Barium	389			19.1	200	ug/L	
LCS001			1	7440-41-7	Beryllium	10.0			0.052	5	ug/L	
LCS001			1	7440-43-9	Cadmium	9.2			0.60	5	ug/L	
LCS001			1	7440-70-2	Calcium	10300			503	5000	ug/L	
LCS001			1	7440-47-3	Chromium	20.2			1.8	10	ug/L	
LCS001			1	7440-48-4	Cobalt	94.7			0.25	50	ug/L	
LCS001			1	7440-50-8	Copper	47.4			5.0	25	ug/L	
LCS001			1	7439-89-6	Iron	220			18.8	100	ug/L	
LCS001			1	7439-92-1	Lead	17.3			3.5	10	ug/L	
LCS001			1	7439-95-4	Magnesium	10500			50.9	5000	ug/L	
LCS001			1	7439-96-5	Manganese	30.9			0.43	15	ug/L	
LCS001			1	7440-02-0	Nickel	75.3			1.1	40	ug/L	
LCS001			1	7440-09-7	Potassium	10200			90.5	5000	ug/L	
LCS001			1	7782-49-2	Selenium	71.3			5.5	35	ug/L	
LCS001			1	7440-22-4	Silver	20.4			1.6	10	ug/L	
LCS001			1	7440-23-5	Sodium	10700			516	5000	ug/L	
LCS001			1	7440-28-0	Thallium	49.6			3.8	25	ug/L	
LCS001			1	7440-62-2	Vanadium	97.7			1.1	50	ug/L	
LCS001			1	7440-66-6	Zinc	118			6.6	60	ug/L	
LCS002			1	7429-90-5	Aluminum	40.5			7.6	20	mg/kg	
LCS002			1	7440-36-0	Antimony	11.5			0.35	6	mg/kg	
LCS002			1	7440-38-2	Arsenic	1.9			0.39	1	mg/kg	
LCS002			1	7440-39-3	Barium	39.3			0.20	20	mg/kg	
LCS002			1	7440-41-7	Beryllium	1.1			0.0079	0.5	mg/kg	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
LCS002			1	7440-43-9	Cadmium	0.95			0.040	0.5	mg/kg	
LCS002			1	7440-70-2	Calcium	1040			6.9	500	mg/kg	
LCS002			1	7440-47-3	Chromium	2.0			0.12	1	mg/kg	
LCS002			1	7440-48-4	Cobalt	9.8			0.068	5	mg/kg	
LCS002			1	7440-50-8	Copper	5.4			0.24	2.5	mg/kg	
LCS002			1	7439-89-6	Iron	21.3			2.6	10	mg/kg	
LCS002			1	7439-92-1	Lead	1.8			0.28	1	mg/kg	
LCS002			1	7439-95-4	Magnesium	1040			9.7	500	mg/kg	
LCS002			1	7439-96-5	Manganese	3.1			0.086	1.5	mg/kg	
LCS002			1	7440-02-0	Nickel	7.7			0.21	4	mg/kg	
LCS002			1	7440-09-7	Potassium	981			10.9	500	mg/kg	
LCS002			1	7782-49-2	Selenium	6.6			0.62	3.5	mg/kg	
LCS002			1	7440-22-4	Silver	1.9			0.19	1	mg/kg	
LCS002			1	7440-23-5	Sodium	1040			4.9	500	mg/kg	
LCS002			1	7440-28-0	Thallium	4.8			0.36	2.5	mg/kg	
LCS002			1	7440-62-2	Vanadium	10.0			0.13	5	mg/kg	
LCS002			1	7440-66-6	Zinc	11.9			0.26	6	mg/kg	
MBC7B8S	Sediment	11/16/2015	2	7440-36-0	Antimony	5.8	J*D	J	0.35	6	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-38-2	Arsenic	15.9			0.39	1	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-39-3	Barium	706			0.20	20	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-41-7	Beryllium	17.8			0.0079	0.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	2	7440-43-9	Cadmium	15.1	D		0.040	0.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-47-3	Chromium	78.7			0.12	1	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-48-4	Cobalt	158			0.068	5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	2	7440-50-8	Copper	114	D		0.24	2.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	2	7439-92-1	Lead	51.3	D		0.28	1	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7439-96-5	Manganese	726			0.086	1.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	2	7440-02-0	Nickel	167	D		0.21	4	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7782-49-2	Selenium	29.3			0.62	3.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-22-4	Silver	15.0			0.19	1	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-28-0	Thallium	15.4			0.36	2.5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-62-2	Vanadium	175			0.13	5	mg/kg	0269-SED15-12-24
MBC7B8S	Sediment	11/16/2015	1	7440-66-6	Zinc	273			0.26	6	mg/kg	0269-SED15-12-24
MBC7B9S	Sediment	11/16/2015	1	7440-36-0	Antimony	7.5	J*	J	0.35	6	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-38-2	Arsenic	18.7			0.39	1	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-39-3	Barium	859			0.20	20	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-41-7	Beryllium	22.7			0.0079	0.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-43-9	Cadmium	19.0			0.040	0.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-47-3	Chromium	97.5			0.12	1	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-48-4	Cobalt	200			0.068	5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-50-8	Copper	141			0.24	2.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7439-92-1	Lead	53.0			0.28	1	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7439-96-5	Manganese	852			0.086	1.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-02-0	Nickel	210			0.21	4	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7782-49-2	Selenium	37.2			0.62	3.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-22-4	Silver	19.3			0.19	1	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-28-0	Thallium	19.7			0.36	2.5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-62-2	Vanadium	225			0.13	5	mg/kg	0269-SED15-6-12
MBC7B9S	Sediment	11/16/2015	1	7440-66-6	Zinc	336			0.26	6	mg/kg	0269-SED15-6-12
PBS002			1	7429-90-5	Aluminum	20.0	U	U	7.6	20	mg/kg	
PBS002			1	7440-36-0	Antimony	6.0	U	U	0.35	6	mg/kg	
PBS002			1	7440-38-2	Arsenic	1.0	U	U	0.39	1	mg/kg	
PBS002			1	7440-39-3	Barium	20.0	U	U	0.20	20	mg/kg	
PBS002			1	7440-41-7	Beryllium	0.50	U	U	0.0079	0.5	mg/kg	
PBS002			1	7440-43-9	Cadmium	0.50	U	U	0.040	0.5	mg/kg	
PBS002			1	7440-70-2	Calcium	11.0	J	J	6.9	500	mg/kg	
PBS002			1	7440-47-3	Chromium	1.0	U	U	0.12	1	mg/kg	
PBS002			1	7440-48-4	Cobalt	5.0	U	U	0.068	5	mg/kg	
PBS002			1	7440-50-8	Copper	2.5	U	U	0.24	2.5	mg/kg	
PBS002			1	7439-89-6	Iron	10.0	U	U	2.6	10	mg/kg	
PBS002			1	7439-92-1	Lead	1.0	U	U	0.28	1	mg/kg	
PBS002			1	7439-95-4	Magnesium	500	U	U	9.7	500	mg/kg	
PBS002			1	7439-96-5	Manganese	1.5	U	U	0.086	1.5	mg/kg	
PBS002			1	7440-02-0	Nickel	4.0	U	U	0.21	4	mg/kg	
PBS002			1	7440-09-7	Potassium	500	U	U	10.9	500	mg/kg	
PBS002			1	7782-49-2	Selenium	3.5	U	U	0.62	3.5	mg/kg	
PBS002			1	7440-22-4	Silver	1.0	U	U	0.19	1	mg/kg	
PBS002			1	7440-23-5	Sodium	500	U	U	4.9	500	mg/kg	
PBS002			1	7440-28-0	Thallium	2.5	U	U	0.36	2.5	mg/kg	
PBS002			1	7440-62-2	Vanadium	5.0	U	U	0.13	5	mg/kg	
PBS002			1	7440-66-6	Zinc	6.0	U	U	0.26	6	mg/kg	
PBW001			1	7429-90-5	Aluminum	200	U	U	95.2	200	ug/L	
PBW001			1	7440-36-0	Antimony	60.0	U	U	7.8	60	ug/L	

Note: This printed Excel file is excerpted from the original data spreadsheet (45717_MBC7B7_S3VEM.xls).

SAMPLE_NAME	SAMPLE_MATRIX_CODE	SAMPLE_DATE	DILUTION_FACTOR	CAS_RN	CHEMICAL_NAME	RESULT_VALUE	LAB_QUALIFIERS	VALIDATOR_QUALIFIERS	METHOD_DETECTION_LIMIT	QUANTITATION_LIMIT	RESULT_UNIT	SCRIBE_SAMPLE_ID
PBW001			1	7440-38-2	Arsenic	10.0	U	U	3.9	10	ug/L	
PBW001			1	7440-39-3	Barium	200	U	U	19.1	200	ug/L	
PBW001			1	7440-41-7	Beryllium	5.0	U	U	0.052	5	ug/L	
PBW001			1	7440-43-9	Cadmium	5.0	U	U	0.60	5	ug/L	
PBW001			1	7440-70-2	Calcium	5000	U	U	503	5000	ug/L	
PBW001			1	7440-47-3	Chromium	10.0	U	U	1.8	10	ug/L	
PBW001			1	7440-48-4	Cobalt	50.0	U	U	0.25	50	ug/L	
PBW001			1	7440-50-8	Copper	25.0	U	U	5.0	25	ug/L	
PBW001			1	7439-89-6	Iron	100	U	U	18.8	100	ug/L	
PBW001			1	7439-92-1	Lead	10.0	U	U	3.5	10	ug/L	
PBW001			1	7439-95-4	Magnesium	5000	U	U	50.9	5000	ug/L	
PBW001			1	7439-96-5	Manganese	15.0	U	U	0.43	15	ug/L	
PBW001			1	7440-02-0	Nickel	40.0	U	U	1.1	40	ug/L	
PBW001			1	7440-09-7	Potassium	5000	U	U	90.5	5000	ug/L	
PBW001			1	7782-49-2	Selenium	35.0	U	U	5.5	35	ug/L	
PBW001			1	7440-22-4	Silver	10.0	U	U	1.6	10	ug/L	
PBW001			1	7440-23-5	Sodium	5000	U	U	516	5000	ug/L	
PBW001			1	7440-28-0	Thallium	25.0	U	U	3.8	25	ug/L	
PBW001			1	7440-62-2	Vanadium	50.0	U	U	1.1	50	ug/L	
PBW001			1	7440-66-6	Zinc	60.0	U	U	6.6	60	ug/L	
MBC7B8A	Sediment	11/16/2015	2	7440-36-0	Antimony	117	JD		7.8	60	ug/L	0269-SED15-12-24
MBC7B9A	Sediment	11/16/2015	1	7440-36-0	Antimony	108			7.8	60	ug/L	0269-SED15-6-12
MBC7B8D	Sediment	11/16/2015	1	7439-97-6	Mercury	0.092	J		0.0039	0.1	mg/kg	0269-SED15-12-24
MBC764	DI Water	11/16/2015	1	7439-97-6	Mercury	0.039	J	J	0.023	0.2	ug/L	0269-RIN05
MBC7B7	Sediment	11/16/2015	1	7439-97-6	Mercury	0.044	J	J	0.0039	0.1	mg/kg	0269-SED15-0-6
MBC7B8	Sediment	11/16/2015	1	7439-97-6	Mercury	0.11	J	J	0.0039	0.1	mg/kg	0269-SED15-12-24
MBC7B9	Sediment	11/16/2015	1	7439-97-6	Mercury	0.52	J	UJ	0.0039	0.1	mg/kg	0269-SED15-6-12
MBC7C0	Sediment	11/16/2015	1	7439-97-6	Mercury	0.47	J	UJ	0.0039	0.1	mg/kg	0269-SED16-0-6
MBC7C1	Sediment	11/16/2015	1	7439-97-6	Mercury	0.41	J	UJ	0.0039	0.1	mg/kg	0269-SED16-12-24
MBC7C2	Sediment	11/16/2015	1	7439-97-6	Mercury	0.095	J	J	0.0039	0.1	mg/kg	0269-SED16-6-12
MBC7C3	Sediment	11/16/2015	1	7439-97-6	Mercury	0.073	J	J	0.0039	0.1	mg/kg	0269-SED17-0-6
MBC7C4	Sediment	11/16/2015	1	7439-97-6	Mercury	0.054	J	J	0.0039	0.1	mg/kg	0269-SED17-12-24
MBC7C5	Sediment	11/16/2015	1	7439-97-6	Mercury	0.076	J	J	0.0039	0.1	mg/kg	0269-SED17-6-12
MBC7C6	Sediment	11/16/2015	1	7439-97-6	Mercury	0.011	J	J	0.0039	0.1	mg/kg	0269-SED18-0-6
MBC7C7	Sediment	11/16/2015	1	7439-97-6	Mercury	0.0066	J	J	0.0039	0.1	mg/kg	0269-SED18-12-24
MBC7C8	Sediment	11/16/2015	1	7439-97-6	Mercury	0.026	J	J	0.0039	0.1	mg/kg	0269-SED18-6-12
MBC7D2	Sediment	11/16/2015	1	7439-97-6	Mercury	0.041	J	J	0.0039	0.1	mg/kg	0269-SED20-0-6
MBC7D3	Sediment	11/16/2015	1	7439-97-6	Mercury	0.17	U	U	0.0039	0.1	mg/kg	0269-SED20-12-24
MBC7D4	Sediment	11/16/2015	1	7439-97-6	Mercury	0.026	J	J	0.0039	0.1	mg/kg	0269-SED20-6-12
MBC7H4	Sediment	11/16/2015	1	7439-97-6	Mercury	0.16	U	U	0.0039	0.1	mg/kg	0269-SED21-0-6
MBC7H5	Sediment	11/16/2015	1	7439-97-6	Mercury	0.020	J	J	0.0039	0.1	mg/kg	0269-SED21-12-24
MBC7H6	Sediment	11/16/2015	1	7439-97-6	Mercury	0.13	U	U	0.0039	0.1	mg/kg	0269-SED21-6-12
MBC7J0	Sediment	11/16/2015	1	7439-97-6	Mercury	0.058	J	J	0.0039	0.1	mg/kg	0269-SED23-0-6
MBC7B8S	Sediment	11/16/2015	1	7439-97-6	Mercury	1.2			0.0039	0.1	mg/kg	0269-SED15-12-24
PBS001			1	7439-97-6	Mercury	0.12	U	U	0.0039	0.1	mg/kg	
PBS003			1	7439-97-6	Mercury	0.12	U	U	0.0039	0.1	mg/kg	
PBS004			1	7439-97-6	Mercury	0.12	U	U	0.0039	0.1	mg/kg	
PBW001			1	7439-97-6	Mercury	0.043	J	J	0.023	0.2	ug/L	

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Indicators of sediment and biotic mercury contamination in a southern New England estuary

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Abstract

Total mercury (Hg) and methylmercury (MeHg) were analyzed in near surface sediments (0–2 cm) and biota (zooplankton, macro-invertebrates, finfish) collected from Narragansett Bay (Rhode Island/Massachusetts, USA) and adjacent embayments and tidal rivers. Spatial patterns in sediment contamination were governed by the high affinity of Hg for total organic carbon (TOC). Sediment MeHg and percent MeHg were also inversely related to summer bottom water dissolved oxygen (DO) concentrations, presumably due to the increased activity of methylating bacteria. For biota, Hg accumulation was influenced by inter-specific habitat preferences and trophic structure, and sediments with high TOC and percent silt-clay composition limited mercury bioavailability. Moreover, hypoxic bottom water limited Hg bioaccumulation, which is possibly mediated by a reduction in biotic foraging, and thus, dietary uptake of mercury. Finally, most biota demonstrated a significant positive relationship between tissue and TOC-normalized sediment Hg, but relationships were much weaker or absent for sediment MeHg. These results have important implications for the utility of estuarine biota as subjects for mercury monitoring programs.

Keywords

Total mercury; Methylmercury; Sediment; Biota; Indicators; Accumulation

1. Introduction

Mercury (Hg) is an environmental toxicant of concern because of its pervasiveness and adverse effects on wildlife and human health (U.S. EPA, 1997). Specifically, methylmercury (MeHg) is the organic form of Hg that has toxic effects to the neurological, cardiovascular, and reproductive systems of biota (Wolfe et al., 1998). The severity of these health impacts depends on the concentration and duration of MeHg exposure and the characteristics of the biotic receptors (U.S. EPA, 1997). In aquatic environments, upper trophic level organisms are exposed to MeHg almost exclusively via dietary uptake (Hightower and Moore, 2003). The dominance of this exposure pathway reflects the tendency for MeHg to biomagnify across successive trophic levels, resulting in MeHg concentrations that are potentially toxic to top-level consumers, including humans (U.S. EPA, 1997; Wiener et al., 2003).

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Accordingly, monitoring mercury contamination in aquatic environments is necessary to properly assess risks to ecological and human health resulting from MeHg exposure (Wiener et al., 2007).

Environmental Hg levels that could compromise the health of aquatic ecosystems have increased substantially during the industrial age (Fitzgerald and Clarkson, 1991; Mason et al., 1994). In estuarine and coastal habitats of the northeastern United States, elevated Hg contamination results from both local point sources and long-range transport processes (Clarkson, 1992; Balcom et al., 2004). A large fraction of Hg that enters a water body is entrapped in sediments (Balcom et al., 2004), and may be subjected to methylation by anaerobic bacteria (Gilmour et al., 1992; Benoit et al., 2003). Methylation rates are likely accelerated in estuarine and coastal sediments because these environments receive high inputs of inorganic Hg from anthropogenic sources (Varekamp et al., 2003; Conaway et al., 2007; Fitzgerald et al., 2007), and are characterized by *in situ* geochemical conditions that promote MeHg production (Compeau and Bartha, 1985; Mason and Lawrence, 1999). Estuaries also serve as critical habitat for a diverse assemblage of invertebrates and finfish, and these biota may experience increased environmental MeHg exposure.

Sediment-derived MeHg is generated and transferred to biotic receptors through several physical and biological processes (Chen et al., 2008). For example, MeHg mobilized from surface sediments to the water column is bioconcentrated in phytoplankton; a functional group that transfers MeHg to either pelagic or benthic trophic assemblages (Mason et al., 1996; Moye et al., 2002; Pickhardt and Fisher, 2007). MeHg enters pelagic food webs via the grazing actions of phytoplanktivorous zooplankton (Watras and Bloom, 1992; Mason et al., 1996) and is biomagnified in secondary consumers (Mathews and Fisher, 2008; Gehrke et al., 2011a). MeHg bioconcentrated in phytoplankton may also be returned to the sediment-water interface by suspension feeding invertebrates, serving as a biological conduit to the benthic trophic pathway (Locarnini and Presley, 1996; Chase et al., 2001). Moreover, benthic infauna and epifauna may have secondary exposure to MeHg through superficial contact with contaminated sediments and pore water, as well as the direct ingestion of sediments and detritus (Reynoldson, 1987; Locarniniand Presley, 1996; Lawrence and Mason, 2001).

MeHg mobilized from estuarine and coastal sediments contributes to the contamination of biota across contiguous marine ecoscapes, and may represent a key source of MeHg in global marine biota (Chen et al., 2008). Therefore, the causative factors leading to enhanced environmental Hg in estuaries and its subsequent incorporation into local food webs warrant further investigation. This study sought to: (1) characterize the distribution of mercury (total Hg and MeHg) in surface sediments collected from a southern New England estuary; the Narragansett Bay (Rhode Island and Massachusetts, USA) and adjacent embayments and tidal rivers, (2) describe the natural and anthropogenic factors that are associated with enhanced sediment mercury contamination, (3) examine the effect of spatially-explicit geochemical conditions and trophic processes on the Hg concentration of estuarine biota, i.e., zooplankton, macro-invertebrates, and forage finfish, and (4) assess the utility of focal biota as bio-indicators of sediment total Hg and MeHg contamination in an effort to inform potential monitoring programs.

2. Methods

2.1. Study site

Narragansett Bay is a temperate estuary that is contiguous with Rhode Island Sound at its mouth and extends northward into Rhode Island (RI) and Massachusetts (MA) (total area ~ 380 km^2; mean depth ~ 8 m; Chinman and Nixon, 1985; Fig. 1). The geographically-

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complex system is comprised of several tributary-estuaries and bays, including Greenwich Bay to the west, Providence and Seekonk Rivers to the northwest, and Taunton River and Mt. Hope Bay to the northeast. Moreover, the bay proper is longitudinally divided by islands forming the West Passage, East Passage, and Sakonnet River.

Narragansett Bay serves as a drainage basin for several rivers and streams (watershed area ~ 4,790 km^2), of which the Blackstone, Pawtuxet, and Taunton Rivers are important sources of freshwater discharge. The estuary is generally well-mixed with a slight down-bay salinity gradient (range ~24–33 in the bay proper; Kremer and Nixon, 1978) (Table 1). Annual water temperatures typically range from −0.5 to 25 ºC (Kremer and Nixon, 1978), and portions of the upper bay, including Greenwich Bay, are prone to episodic hypoxia during summer months (Deacutis et al., 2006; Melrose et al., 2007; Saarman et al., 2008). Bay sediments are comprised mostly of fine-grained silts and clays, with fine sands becoming increasingly abundant in shoal areas of the upper bay and in the lower bay (Murray et al., 2007). Further, relative to the lower bay, the upper bay is subject to greater anthropogenic influences (e.g., nutrient and contaminant loading), and thus, experiences comparatively deteriorated water quality (Desbonnet and Costa-Pierce, 2008).

2.2. Sample collection, processing, and preservation

Surface sediments and biota were collected from Narragansett Bay in May–June 2006 and May–September 2006–2010, respectively (Fig. 1). Sediments were collected from 51 locations using a Van Veen benthic grab, from which two replicate cores were taken (5-cm diameter; 10-cm depth) and the top 2 cm were processed. Biota were collected throughout the bay using a combination of plankton nets (100-μm mesh), trawls, seines, and hand collections. Collected biota were identified to the lowest practical taxon and subsequently categorized into eight focal groups (zooplankton, polychaete, gastropod, bivalve, amphipod-isopod, shrimp, crab, and killifish), which included 20 unique species. These particular species were selected as mercury bio-indicators according to the criteria and recommendations presented by Wiener et al. (2003) and Evers et al. (2008); selecting an array of biota that are locally abundant, exhibit high site fidelity, and are accessible using routine sampling techniques. Moreover, candidate bio-indicators were chosen based on their diverse life history characteristics (e.g., longevity, dietary habitats, and foraging ecology) and because they represent important biological vectors for the transfer of MeHg to higher trophic levels.

Sediments and biota collected in the field were placed in sterile polyethylene bags, put on ice for transportation, and frozen at −20 ºC after returning to the laboratory. In the laboratory, biota were partially thawed and measured for wet weight (g) and body size (cm): total length (fish and crangonid shrimp), carapace width or length (crabs and palaemonid shrimp, respectively), and shell height (bivalves). Biota were then processed and analyzed as whole-bodies, with the exception of bivalves and gastropods that had their shells removed. As needed, diminutive biota (zooplankton, amphipods-isopods, and gastropods) from the same collection site were combined to ensure adequate tissue mass for subsequent mercury and stable isotope analysis. For final preservation, all sediment and biotic samples were freeze-dried for 48 hr, homogenized with a mortar and pestle (biota only), and stored at room temperature in clear borosilicate vials.

2.3. Mercury analysis of sediments and biota

Sediment and biota total Hg concentrations (ppm dry wt) were measured using a direct mercury analyzer (DMA-80, Milestone, Shelton, Connecticut) that utilizes thermal decomposition, amalgamation, and atomic absorption spectrophotometry (EPA method 7473; U.S. EPA, 1998). The DMA-80 has a detection limit of 0.01 ng Hg (typical working

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range = 0.05–600 ng), and the Hg content of all samples in this study were above the instrument's detection limit. Certified reference materials (CRMs) prepared by the National Research Council Canada, Institute of Environmental Chemistry (Ottawa, Canada) were used to calibrate the DMA-80 and included TORT-1 (lobster hepatopancreas) and DORM-2 (dogfish muscle) (U.S. EPA, 1998). Calibration curves were highly significant (mean R^2 = 1.00; range R^2 = 0.99–1.00; p< 0.0001), and the recovery of the TORT-1, DORM-2, and PACS-2 (marine sediment) CRMs ranged from 92.7% to 106.7% (mean = 95.6%). All samples were analyzed as duplicates, and an acceptance criterion of 10% was implemented. Two concurrent investigations also determined that the DMA-80 used in this study produced statistically comparable results to isotope dilution gas chromatography-inductively coupled plasma mass spectrometry (ICP-MS), with R^2values of 0.902–0.946 between the two methods (Piraino and Taylor, 2009; Payne and Taylor, 2010).

Sediment MeHg concentrations (ppb dry wt) were measured at the Trace Element Analysis Laboratory, Dartmouth College (Hanover, New Hampshire). Sediment samples (50 mg dry wt) were weighed into individual polypropylene vials, after which ~ 150 pg of aqueous CH_3Hg^{201} was added as the enriched isotope spike, followed by 5 mL of 6 mol/L HCl. A 5 mL aliquot of CH_2Cl_2 was then added to each sample, after which the CH_2Cl_2 fraction containing MeHg was extracted and transferred to a separate polypropylene vial. Ten mL of deionized (DI) water was added to each new vial, and placed in a ~ 50 ºC water bath and bubbled with argon until the CH_2Cl_2 evaporated. Samples were then transferred to amber glass vials, buffered, ethylated, and filled with DI water prior to analysis. Final sample analysis was performed using a purge and trap MERX GC (Brooks Rand, Seattle, Washington) interfaced with an Agilent 7500 ICP-MS (Santa Clara, California). The recovery of MeHg in European Reference Material CC580 (estuarine sediment) was 97.5% (range = 94.1–99.8%), and sample precision for duplicate runs was 91.3% (range = 89.7–94.4%).

2.4. Stable isotope analysis of biota

Stable isotope analysis was used to assess the effect of trophic processes on the Hg content of biota (Piraino and Taylor, 2009; Payne and Taylor, 2010, Szczebak and Taylor 2011). Specifically, nitrogen ($^{15}N/^{14}N$) stable isotope signatures were used to estimate time-integrated feeding history, whereas carbon ($^{13}C/^{12}C$) stable isotopes were used as indicators of the initial carbon source to the estuarine food web (e.g., pelagic and benthic primary production) (Fry, 2006). Isotope measurements of a subsample (~1 mg dry wt) of biotic tissue (n= 19–38 per species) were performed by the Boston University Stable Isotope Laboratory (Boston, MA) using automated continuous-flow isotope ratio mass spectrometry (CF-IRMS). Ratios of $^{15}N/^{14}N$ and $^{13}C/^{12}C$ are described using the standard delta notation (δ), expressed as the relative per mil (‰) difference between the samples and international standards (atmospheric nitrogen,$^{15}N_{air}$, and Vienna Pee Dee Belemnite, $^{13}C_{V\text{-}PDB}$, respectively), and calculated using the following equation: $\delta X = (R_{sample} / R_{standard} - 1) \times 1000$, where $X = {}^{15}N$ or ^{13}C and $R = {}^{15}N/^{14}N$ or $^{13}C/^{12}C$. The recovery of internal reference material (peptone and glycine) for the CF-IRMS method was 99.7 and 99.6% for nitrogen and carbon, respectively. Moreover, the mean sample precision determined from duplicate analyses was 97.6% (range = 90.8–100.0%) and 98.6% (range = 91.9–100.0%) for nitrogen and carbon, respectively.

2.5. Data and statistical analysis

Site-specific geochemical conditions are potentially relevant to mercury dynamics in Narragansett Bay, and these data were accessed from several sources. The factors of interest included sediment characteristics [grain size< 63 μm (% silt-clay dry wt) and total organic carbon (TOC, % dry wt)] and bottom water characteristics [bathymetric depth (m), dissolved

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oxygen (mg/L), salinity, temperature (ºC)] (Table 1). The composition of bay sediments was assessed in concurrent studies between 2000 and 2006 (% silt-clay: n = 253; TOC: n = 232), and data were accessed from Murray et al. (2007) and U.S. EPA (2011). Measurements of water characteristics were made at each site per sampling effort using a handheld YSI Model 85 meter (YSI Incorporated, Yellow Spring, Ohio), and additional data were obtained from parallel studies conducted from June to August 1999–2006 (dissolved oxygen: n = 1327; temperature and salinity: n = 1354) (Prell et al., 2004; 2006). Geographically-referenced information on RI and MA human population density (2000 census), location of hazardous waste sites (e.g., combustion and utility boilers, waste incinerators, sewage treatment facilities and outfalls), and land use patterns between 2003 and 2005 were accessed through publicly available sources (Mass GIS, 2011; RIGIS, 2011) (Table 1). Land use patterns followed the Anderson Level I classification scheme (Anderson et al., 1976).

To provide continuous spatial data throughout Narragansett Bay, isopleth maps of the sediment and water characteristics were generated using Arc View geographic information (GIS) software (ESRI, Inc., Redlands, California). Isopleth calculations were conducted using an optimizing approach that interpolates across a surface using the principle of inverse distance weighting procedure. Also using Arc View GIS, estimates of site-specific sediment and water characteristics were interpolated from the isopleth maps using the overlay feature, whereas land use patterns within a 5-km radius of a geographic point of interest were determined from proximity analysis.

Stepwise multiple linear regression analysis was used to identify the influence of geochemical variables on sediment mercury concentrations (total Hg, MeHg, and % MeHg = MeHg/total Hg) and biota-sediment accumulation factors ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$ = biota total Hg/sediment total Hg or MeHg). Univariate linear regression models were used to analyze sediment mercury concentrations (normalized by TOC) as a function of surrounding land use patterns, and biota Hg concentrations as a function of TOC-normalized sediment total Hg and MeHg. Also among biota, differences in total Hg, isotopic signatures ($\delta^{15}N$ and $\delta^{13}C$), and BSAFs were analyzed with one-way analysis of variance (ANOVA) models using taxa as a fixed factor. Mean differences in total Hg, $\delta^{15}N$, $\delta^{13}C$, and BSAF values across 8 levels of taxa were contrasted with Ryan-Einot-Gabriel-Welsch (Ryan's Q) multiple comparison tests. Linear regression models were also used to examine the effect of $\delta^{15}N$ and $\delta^{13}C$ on the total Hg content of biota.

3. Results and discussion

3.1. Sediment mercury analysis

Mean total Hg and MeHg concentrations of surface sediments collected from Narragansett Bay equaled 0.56 ± 0.08 ppm and 1.85 ± 0.27 ppb, respectively, with concentrations greatest in the upper reaches of the estuary and decreasing southward to Rhode Island Sound (Table 1, Fig. 2AB). Sediment mercury concentrations were particularly elevated in urbanized regions of the bay, including the Taunton River and portions of the Seekonk River, Providence River, Greenwich Bay, and Mt. Hope Bay. Conversely, relatively low levels of mercury contamination were detected in areas further removed from anthropogenic influences, including the East Passage and Sakonnet River. These results are further reflected in the spatial analysis of mercury contamination as a function of surrounding land use patterns. Specifically, sediment total Hg and MeHg concentrations normalized by organic content increased significantly in residential areas, and % MeHg was significantly related to human population density (Table 2). The range of sediment total Hg and MeHg concentrations measured in this study were consistent with levels observed in other urbanized estuaries of the United States (Bloom et al., 1999; Mason and Lawrence, 1999;

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Varekamp et al., 2000; Conaway et al., 2003; Hammerschmidt and Fitzgerald, 2004;Gehrke et al., 2011b).

Sediment total Hg was positively related to total organic carbon (TOC) (Table 2, Fig. 3A), indicating that Hg has a high affinity for organic matter, as reported elsewhere (Mason and Lawrence, 1999; Hammerschmidt and Fitzgerald, 2004; Chen et al., 2009). Moreover, the positive Hg–TOC relationship further suggests that sediments with high organic content may effectively scavenge and retain Hg from the water column, as demonstrated in other estuarine and coastal marine systems (Cossa et al., 1988; Conaway et al., 2003; Sunderland et al. 2006). Sediment total Hg was also inversely related to water depth (Table 2; Fig. 3B), corroborating the finding that Hg contamination is elevated in relatively shallow, near shore areas of the upper Narragansett Bay, and especially in the proximate embayments and rivers (Fig. 2A).

Rates of MeHg production in estuarine and marine sediments are governed by Hg inputs, and *in situ* geochemical conditions that affect the microbial activity of methylating bacteria or the bioavailability of the inorganic Hg substrate (Benoit et al., 2003). In this study, MeHg accounted for a small fraction of total Hg in surface sediments (mean % MeHg = 0.42 ± 0.04 %; Table 1, Fig. 2C), and thus, inorganic Hg was the dominant mercury species. Results further revealed a significant positive relationship between sediment total Hg and MeHg concentrations (Table 2, Fig. 3C). Comparable sediment total Hg–MeHg relationships were purported in other estuaries (Benoit et al., 1998; Conaway et al. 2003; Hammerschmidt and Fitzgerald, 2004; Sunderland et al., 2006), and reflect the role of inorganic Hg as the substrate for methylation. Conversely, several studies reported relatively weak or no association between total Hg and MeHg in estuarine sediments (Lambertsson and Nilsson, 2006 and references therein), thereby emphasizing the additional effect of geochemical factors on MeHg dynamics.

Sulfate-reducing bacteria function optimally at the interface between oxic and anoxic conditions in sediments and the water column, i.e., the redoxcline (Sunderland et al., 2006). In this study, sediment MeHg and % MeHg, (proxy for net MeHg production; Benoit et al., 2003) were inversely related to summer bottom water dissolved oxygen (DO) concentrations (Linear regression: MeHg, $p < 0.01$, $R^2 = 0.141$; % MeHg, $p < 0.05$, $R^2 = 0.118$) (Fig. 3DE). These models suggest that areas of Narragansett Bay that are prone to hypoxia (e.g., Greenwich Bay; Deacutis et al., 2006; Melrose et al., 2007; Saarman et al., 2008) have increased Hg methylation rates because of the accelerated activity of anaerobic bacteria (Fig. 2BC). However, whether the increase in sediment MeHg during low oxygen events are the result of a shoaling redoxcline and concomitant increase in sediment pore water methylation (Sunderland et al., 2006; Merritt and Amirbahman, 2008), or conversely, MeHg production in the water column (Sunderland et al., 2010) is unknown. For the latter, waterborne MeHg may be scavenged by underlying sediments that are high in organic carbon, as discussed above (Cossa et al., 1988; Conaway et al., 2003; Sunderland et al. 2006). Indeed this posit is substantiated by the positive relationship between sediment MeHg and TOC concentrations (Linear regression: $p < 0.05$, $R^2 = 0.104$). Alternatively, sediment organic matter can directly stimulate microbial activity by serving as a substrate for mineralization (Stoichev et al., 2004; Sunderland et al., 2004; Lambertsson and Nilsson, 2006), and this process would likely increase during episodic anoxia-hypoxia at the sediment-water interface (Sunderland et al., 2006). Importantly, peak methylation rates may occur at sediment depths greater than those examined in this study (~ 4 cm; Bloom et al., 1999; Merritt and Amirbahman, 2008), and therefore, MeHg in surface sediments (0–2 cm) may be the products of methylation at-depth, followed by the diffusion of MeHg toward the sediment-water interface and its entrapment at the redoxcline (Mason and Lawrence, 1999).

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Spatial patterns in net MeHg production in Narragansett Bay, approximated by sediment % MeHg, were positively related to bottom water salinity (Table 2, Fig. 3F). This finding is contrary to other investigations that observed an inverse relationship between salinity and the methylation of inorganic Hg (Blum and Bartha, 1980; Compeau and Bartha, 1984; Benoit et al., 1998). The salinity effect documented in these previous studies was attributed to the reduction of sulfate to sulfide in high salinity (> 25), low redox potential sediments (Compeau and Bartha, 1984), and the subsequent formation of charged Hg–S complexes that limit the bioavailability of the inorganic Hg substrate (Benoit et al., 1999). Narragansett Bay, however, is a relatively well-mixed, high salinity estuary with a slight salinity gradient; hence, the potential effects of salinity on MeHg production are expected to be relatively uniform for the majority of the system. This does not include the main freshwater inputs to the bay that have markedly lower saline conditions (< 10), yet also experience decreased levels of sediment % MeHg (upper reaches of Seekonk and Taunton Rivers; Fig. 2C). The exact mechanisms explaining the lower rates of net Hg methylation in these systems are unclear, but likely involve the simultaneous influence of demethylation (Merritt and Amirbahman, 2008), as well as the complex interactions among sediment geochemical factors, including organic content, sulfate and sulfide concentrations, and dynamics in redox potentials (Chen et al., 2008).

3.2. Biota mercury analysis

Methylmercury mobilized from estuarine and coastal sediments is readily incorporated into the base of food webs, after which the contaminant biomagnifies across successive trophic levels (Chen et al., 2008). Low trophic level biota are thus critically important in this process because they transfer MeHg through pelagic or benthic trophic pathways. In this study, mean total Hg concentrations among estuarine invertebrate and finfish species ranged from 0.06 to 0.23 ppm (Table 3), and differed significantly across the eight broader taxa (Table 4; Fig. 4A). Killifish had significantly higher total Hg concentrations then the remaining focal taxa (mean total Hg = 0.20 ± 0.01 ppm). In contrast, polychaetes, mollusks, and macro-crustaceans had moderate levels of total Hg that were comparable among each other (mean total Hg = 0.12 ± 0.01 ppm), and zooplankton comprised of copepods and decapod zoeae had the lowest total Hg across all groups (mean total Hg = 0.06 ± 0.01 ppm).

Total Hg concentrations of biota collected from Narragansett Bay were within range or lower than contaminants measured in conspecifics and congeners in other estuaries of the United States. Previous studies in Long Island Sound and Gulf of Maine, for example, reported comparable total Hg concentrations in *Acartia* copepods (~ 0.03–0.05 ppm), *Littorina littorea* (0.18 ± 0.03 ppm), *Carcinus maenas* (0.11 ± 0.02 ppm), and *Fundulus heteroclitus* (0.15 ± 0.03 ppm) (Watras and Bloom, 1992; Hammerschmidt and Fitzgerald, 2006; Chen et al., 2009). An exception to this observation was *Mytilus edulis*, whereby the total Hg of the blue mussel was ~ 64–93% higher in the Gulf of Maine relative to Narragansett Bay (Chase et al., 2001; Chen et al., 2009). Substantial differences in biotic total Hg were also observed in estuaries more distantly located from Narragansett Bay. Zooplankton from western Long Island Sound (New York), Chesapeake Bay (Maryland), and Core Sound (North Carolina), for example, had total Hg concentrations of 0.11–0.19 ppm (Cocoros and Cahn, 1973). The total Hg of *L. littorea* collected from Georgia salt marshes was also elevated relative to conspecifics in this study, ranging between 0.6 and 33.1 ppm (Horne et al., 1999). Further, in Lavaca Bay, polychaetes (*Nereis occidentalis* and *N. succinea*), bivalves (*Enis minor*), and decapods (*Callinectes sapidus*) had mean total Hg concentrations 34–90% higher than values documented for similar species in Narragansett Bay (Locarnini and Presley, 1996). The observed differences in biotic Hg across ecosystems are attributed to spatial variations in Hg inputs and the *in situ* geochemical conditions that affect MeHg production and mobilization (Benoit et al., 2003). Moreover, physicochemical

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and ecological processes in estuaries vary over relatively small spatial scales, thus affecting the incorporation of MeHg into the food web and the contamination of resident biota (Chen et al., 2008).

3.3. Biota isotope analysis

Stable nitrogen ($\delta^{15}N$) and carbon ($\delta^{13}C$) isotope signatures of biota were used to infer relative trophic position and structure (Fry, 2006), which ultimately affect Hg dynamics in estuarine fauna (Piraino and Taylor, 2009; Payne and Taylor, 2010; Szczebak and Taylor, 2011). Mean $\delta^{15}N$ values of biota ranged between 10.65‰ and 14.69‰ and differed significantly among taxa (Tables 3 and 4; Fig. 4B). Killifish, decapod crustaceans, and polychaetes had enriched $\delta^{15}N$ signatures ($\delta^{15}N$> 12.9‰), indicating a carnivorous/omnivorous feeding strategy and relatively high trophic level status. Conversely, the ^{15}N values of mollusks, amphipods, and zooplankton were significantly depleted ($\delta^{15}N$< 12.2‰), reflecting an increased reliance on basal food resources, such as phytoplankton or benthic algae. These results are consistent with previous analyses of $\delta^{15}N$ ratios in conspecifics collected from Narragansett Bay (Pruell et al., 2006; Oczkowski et al., 2008).

Carbon isotope signatures were used as biomarkers for the different sources of primary production, and thus, define benthic and pelagic trophic assemblages in Narragansett Bay (Fry, 2006). Mean $\delta^{13}C$ values of focal biota ranged from −20.46‰ to −14.11‰, which were further separated into three significantly distinct isotopic groupings (Tables 3 and 4; Fig. 4C). The enriched $\delta^{13}C$ signatures of crabs and gastropods ($\delta^{13}C$ = −14 to −15‰) and shrimp, polychaetes, and amphipods ($\delta^{13}C$ = −16 to −17‰) indicate that these biota derive carbon from a combination of benthic algae, and to a lesser extent, detrital matter from sea grasses. Conversely, killifish, zooplankton, and bivalves had depleted $\delta^{13}C$ values ($\delta^{13}C$ < −18‰), and a carbon source consistent with a pelagic, phytoplankton-based, food web (Peterson and Fry, 1987).

3.4. Biota-sediment mercury relationships

Biota-sediment accumulation factors, calculated from sediment total Hg and MeHg ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$), were used to elucidate the linkages between faunal and environmental mercury contamination. Mean $BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$ differed significantly across taxa, such that polychaetes, mollusks, and killifish generally had elevated BSAFs relative to planktonic and macro-crustaceans (Table 4; Fig. 4D). The increased Hg accumulation factors in these taxa are attributed to their respective habit at preferences and foraging ecology. Nereid polychaetes and several species of mollusks examined in this study are classified as benthic infauna, which in turn favors the additional uptake of inorganic Hg and MeHg via direct contact with sediments and pore water (Wang et al., 1998; Coelho et al., 2006). Killifish, in contrast, maintain a relatively high trophic status in the estuary (increased $\delta^{15}N$ signature), and therefore experience elevated BSAFs because MeHg biomagnifies in estuarine food webs (Chen et al. 2008). This supposition is supported by the positive relationship between biotic total Hg concentrations and $\delta^{15}N$ values (Linear regression: $p < 0.05$, $R^2 = 0.519$) (Fig. 5), indicating that MeHg burdens are increased in upper trophic level organisms in Narragansett Bay. Unlike the positive total Hg-$\delta^{15}N$ relationship, there was no relationship between biotic total Hg and $\delta^{13}C$ values (Linear regression: $p = 0.933$). This observation differs from previous reports that estuarine biota with depleted $\delta^{13}C$ signatures (pelagic-feeding) have higher Hg concentrations relative to organisms that forage benthically (Chen et al., 2009). However, the relatively high BSAF values of killifish and bivalves suggest that some pelagic-feeding fauna in the estuary have increased Hg bioaccumulation rates.

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Spatially-explicit sediment and water characteristics significantly affected the relative rate of Hg bioaccumulation in focal biota. Sediment TOC and % silt-clay explained ~ 30% of the variation in $BSAF_{(Hg)}$ across taxa, and the estimated coefficients for both variables were negative in the regression model (Table 2; Fig. 6AB). As previously discussed, mercury effectively binds to organic material and fine-grained substrates, thus reducing the bioavailability of mercury for biota (Chen et al., 2008). BSAFs are therefore expected to decrease in environments characterized by substrates with high organic content and small grain sizes, as verified in several field and laboratory investigations (Muhaya et al., 1997; Mason and Lawrence, 1999; Lawrence and Mason, 2001; Chen et al., 2009). Sediments with high TOC are also expected to reduce the DO concentration of overlying water because of increased bacterial respiration of the organic substrate (Diaz and Rosenberg, 1995). This response may explain the positive relationship observed between BSAFs and bottom water DO (Table 2; Fig. 6CD), i.e., the apparent effect of DO on biotic mercury accumulation is an artifact of sediment TOC simultaneously reducing Hg bioavailability and water oxygen content. Alternatively, the positive BSAF–DO relationships may be caused by the direct response of biota to varying oxygen levels. Most notably, DO concentrations <4 mg/L potentially depresses feeding rates in estuarine biota (Breitburg et al., 1994; Sobral and Widdows, 1997; Rosas et al., 1998; Sagasti et al., 2001), but the concentration at which this sub-lethal effect is realized varies among taxa (Diaz and Rosenberg, 1995). Given that biota are exposed to MeHg principally through their diet (Hall et al., 1997; Hightower and Moore, 2003), environmental conditions that decrease foraging activity will likely have a concomitant effect on biotic mercury uptake.

3.5. Biota as indicators of environmental mercury contamination

Establishing associations between biota and sediment mercury concentrations often requires normalizing data to minimize the effect of confounding factors (Mason and Lawrence, 1999). In this study, the total Hg of focal biota were analyzed relative to sediment total Hg and MeHg that were normalized *a posteriori* by sediment organic content (TOC). Accordingly, the total Hg of most taxa was related to normalized sediment total Hg (Table 5; Fig. 7), indicating that these organisms were suitable indicators of environmental Hg contamination. Importantly, however, the amount of biotic Hg variability explained by sediment Hg differed considerably among taxa, and thus, species selection changes the predicative capability of a given regression model. Research in other estuarine and coastal environments reported similar biota-sediment mercury relationships (Hammerschmidt and Fitzgerald, 2004), and recent advances in mercury isotope analysis have verified that sediments are a dominant source of Hg to biota (Gehrke et al., 2011a). Other investigations, however, have reported no relationship between sediment and biota Hg, including the whelk *Nassarius reticulates* (Coelho et al., 2006), amphipod *Leptocheirus plumulosus* (Lawrence and Mason, 2001), and polychaete *Nereis diversicolor* (Muhaya et al., 1997). Similarly, in this study, no significant relationship was detected between the total Hg of crabs and sediments (Fig. 7G), and is likely due to species-specific variations in Hg content within this taxon (Table 3). Moreover, in most instances, the total Hg of focal taxa was unrelated to sediment MeHg, with only weak positive relationships detected for killifish and polychaetes (Table 5). MeHg accounts for a relatively small percentage of total Hg in low trophic level organisms, particularly benthic infauna and epifuana (% MeHg typically < 40%; Chen et al., 2009), and this may partially explain the general dissociation between biota total Hg and sediment MeHg. Percent MeHg is also highly variable within estuarine species (Chen et al., 2009), thus making it difficult to detect direct relationships between biota and sediment mercury contamination.

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4. Summary

Spatial patterns in sediment total Hg in Narragansett Bay were governed by the distribution of TOC, indicating that inorganic Hg has a high affinity for organic matter. The methylation of sediment inorganic Hg, in turn, was inversely related to bottom water DO, which is presumably caused by the accelerated activity of sulfate-reducing bacteria in oxygen-depleted waters. Moreover, sediment MeHg was positively related to TOC and further suggests that organic matter in surface sediments can effectively scavenge and retain mercury from the water column, or alternatively, organic carbon stimulates methylating bacteria by acting as a substrate for mineralization.

The efficacy with which mercury was transferred from surface sediments to estuarine biota was assessed through $BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$. Accordingly, BSAFs differed significantly across taxa and were elevated in: (1) benthic infauna that experience additional uptake of mercury via direct contact with sediments and pore water, and (2) biota that maintain a relatively high trophic position in the food web. Among all taxa, BSAFs were negatively related to sediment TOC and % silt-clay composition, indicating that organic matter and fine-grain substrates reduce mercury bioavailability. Moreover, BSAFs were positively related to bottom water DO, and may result from biota decreasing feeding rates in low DO waters, thereby reducing dietary uptake of mercury.

The utility of estuarine biota as bio-indicators of environmental mercury contamination was assessed by regressing taxon-specific Hg concentrations with TOC-normalized sediment total Hg and MeHg. With the exception of crabs, the total Hg of focal taxa was positively related to sediment total Hg, demonstrating that select biota were suitable indicators of environmental Hg contamination. There was a general dissociation between biotic Hg and sediment MeHg, however, and is likely due to MeHg comprising a small percentage of the organismal total Hg burden. Estuarine biota may therefore represent important targets for mercury monitoring programs, although the utility of candidate bio-indicators varies according to their inter-specific life history traits, as well as the mercury species of interest.

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Research highlights

- We examined factors that affect estuarine sediment and biota Hg and MeHg content.
- Spatial patterns in sediment Hg and MeHg were governed by total organic carbon.
- Methylation of Hg was inversely correlated with bottom water dissolved oxygen.
- Accumulation of total Hg was elevated in benthic infauna and upper trophic biota.
- Biotic Hg accumulation was reduced in organic rich sediments and hypoxic waters.

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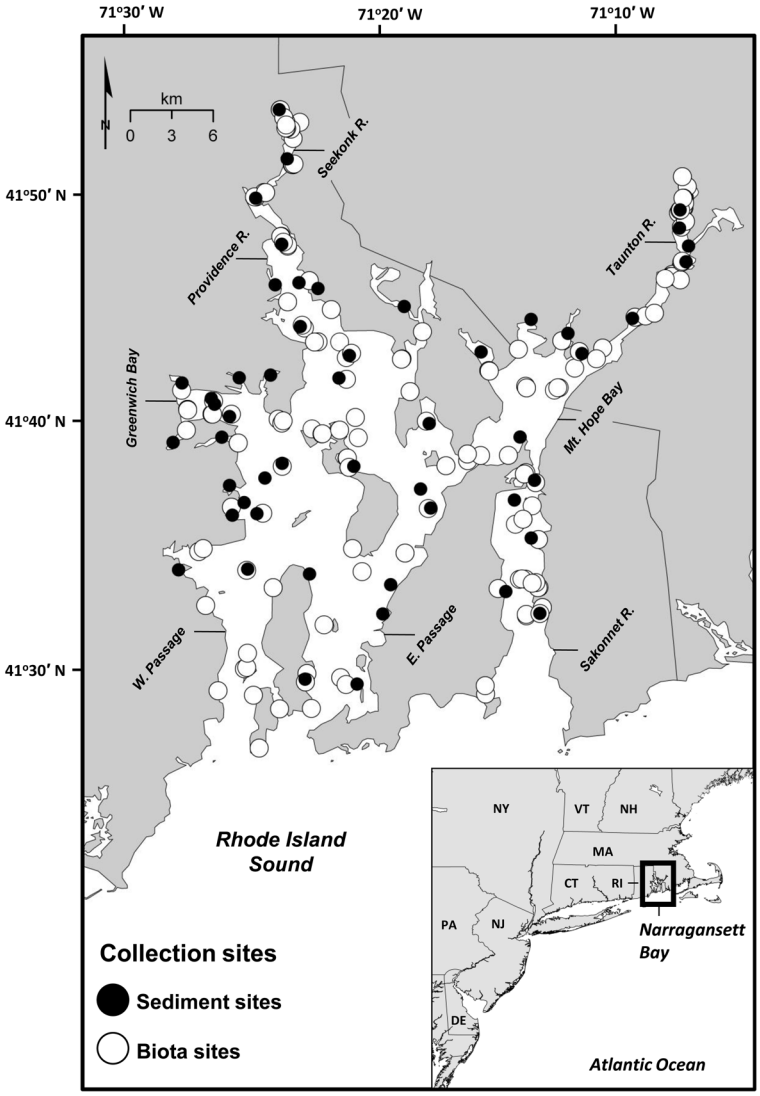

Fig. 1.

Map of the Narragansett Bay (Rhode Island/Massachusetts, USA) and adjacent embayments and tidal rivers with points denoting sediment and biota collections sites.

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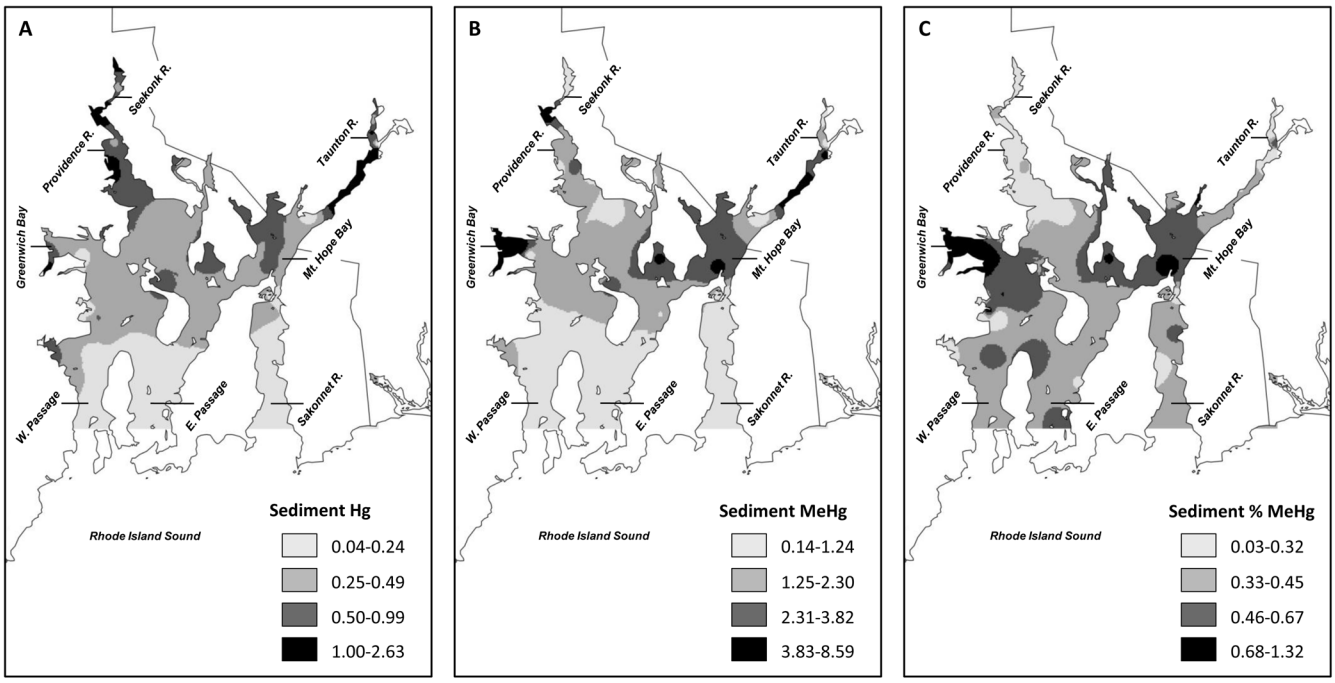

Fig. 2.

Spatial distribution of total mercury (Hg; ppm dry wt) (A), methylmercury (MeHg; ppb dry wt) (B), and percent methylmercury (% MeHg = MeHg/total Hg) (C) in near surface sediments (0–2 cm) collected from the Narragansett Bay (n = 51).

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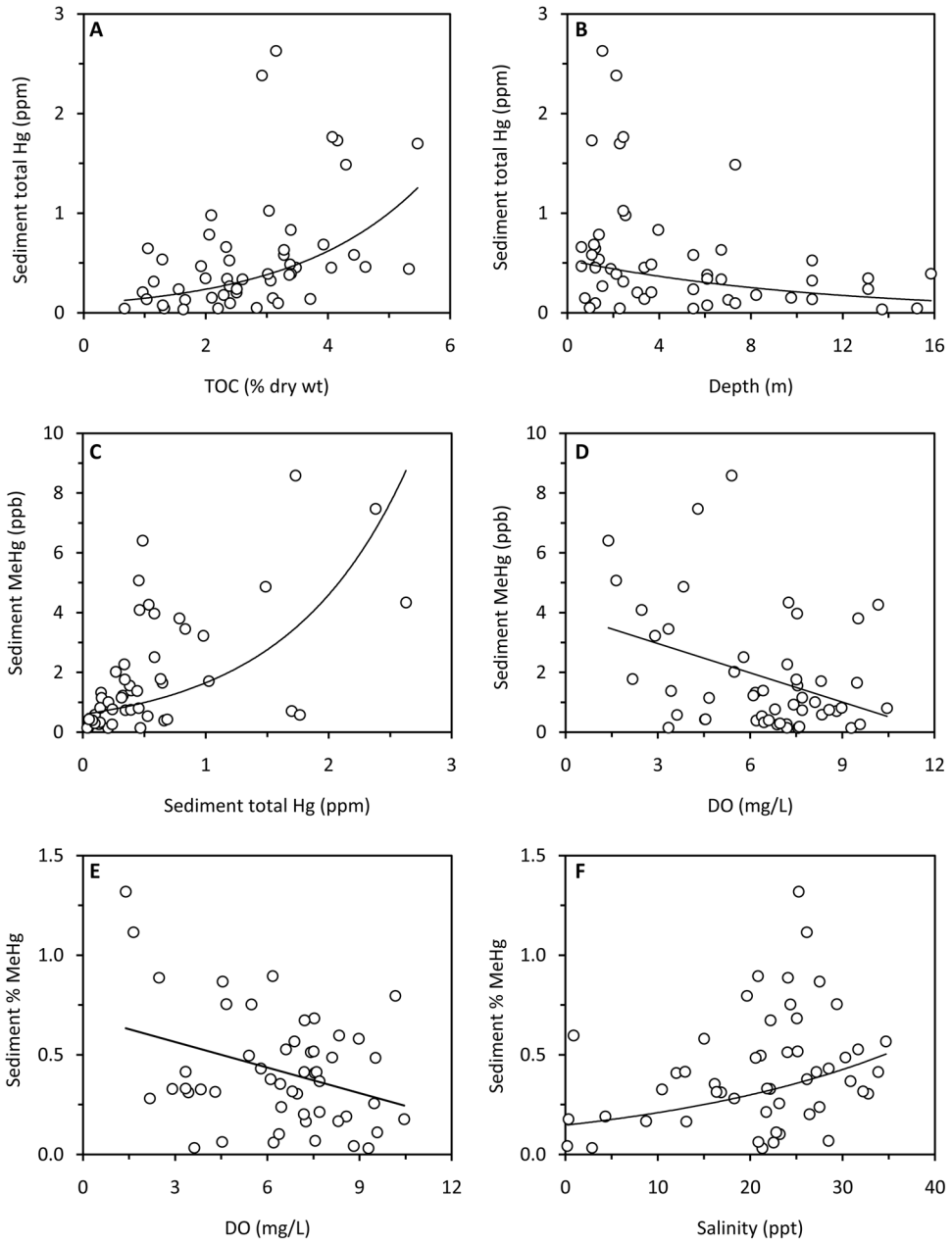

Fig. 3.

Surface sediment total mercury (Hg; ppm dry wt) (A, B), methylmercury (MeHg; ppb dry wt) (C, D), and percent methylmercury (% MeHg = MeHg/total Hg) (E, F) as a function of site-specific geochemical conditions, including total organic carbon (TOC, % dry wt), water depth (m), dissolved oxygen (DO, mg/L), and salinity (ppt). Least-squares exponential or linear regression models were fit to data (n = 51).

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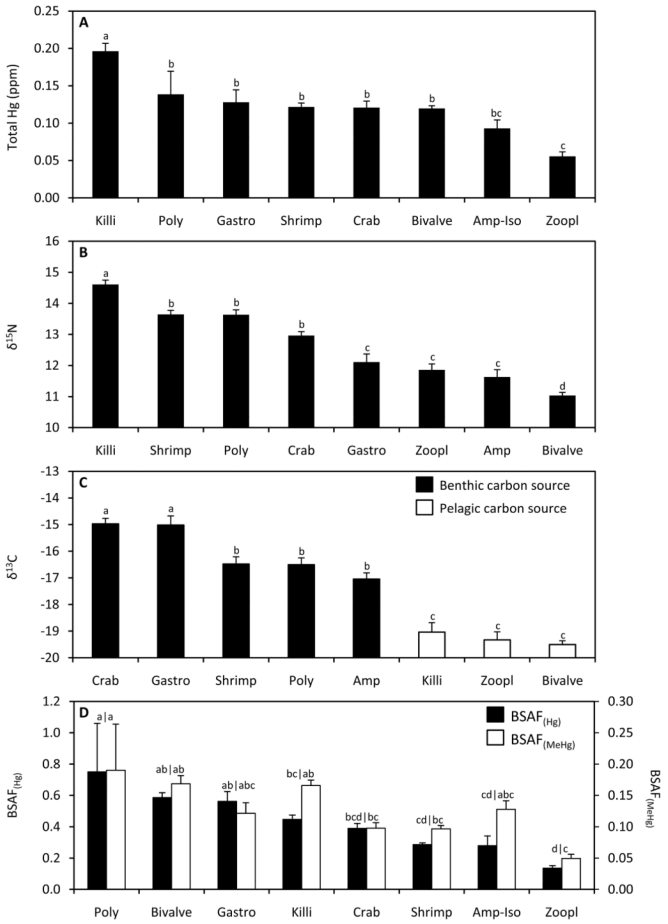

Fig. 4.

Biotic total mercury concentrations (Hg; ppm dry wt) (A) stable nitrogen ($\delta^{15}N$) and carbon ($\delta^{13}C$) isotope signatures (B, C), and biota-sediment accumulation factors ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$= biota total Hg/sediment Hg or MeHg, respectively) (D). Biota include killifish (Killi), polychaetes (Poly), gastropods (Gastro), shrimp, crabs, bivalve, amphipods-isopods (Amp-Iso), and zooplankton (Zoopl). Different lowercase letters denote significant differences in mean values, whereas the same lowercase letters indicate non-significant differences (Ryan's Q multiple comparison test). Also, for panel C, interspecies $\delta^{13}C$ signatures were used to assess whether biota derived carbon from pelagic or benthic sources (Peterson and Fry, 1987). All values represent means ± 1 standard error.

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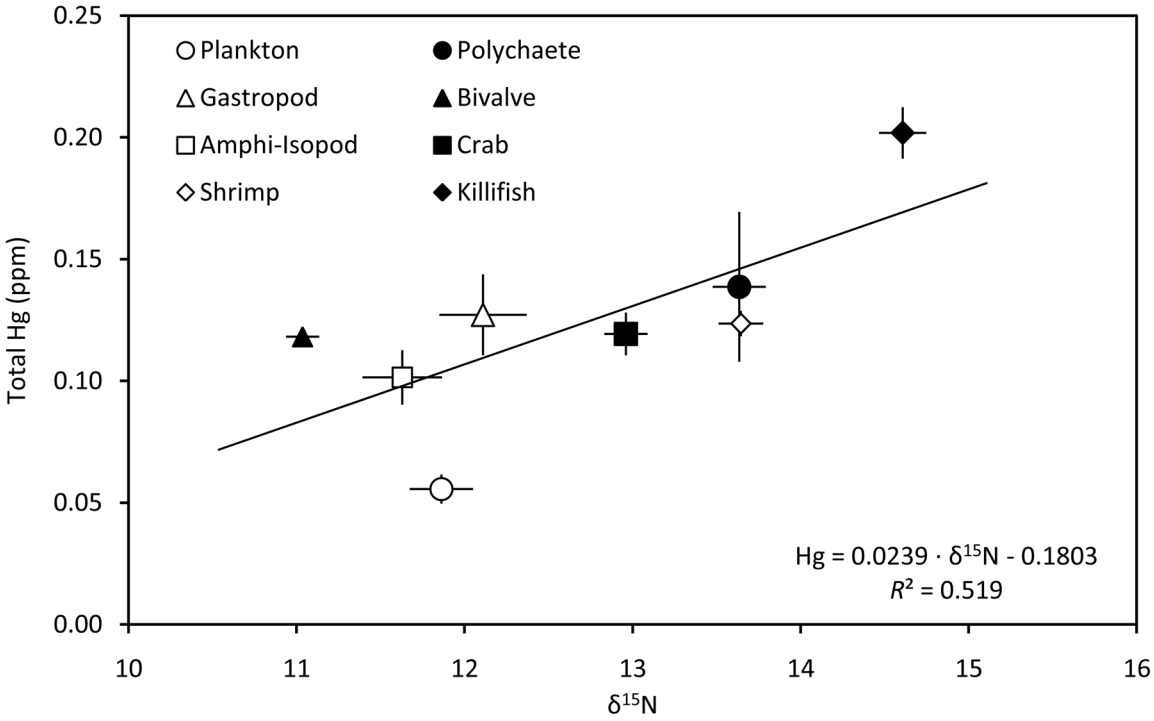

Fig.5.

Relationship between total mercury concentration (Hg; ppm dry wt) and stable nitrogen ($\delta^{15}N$) signatures of biota (means ± 1 standard error). A least-squares linear regression model was fit to the full data set, and the equation and R^2-value are presented.

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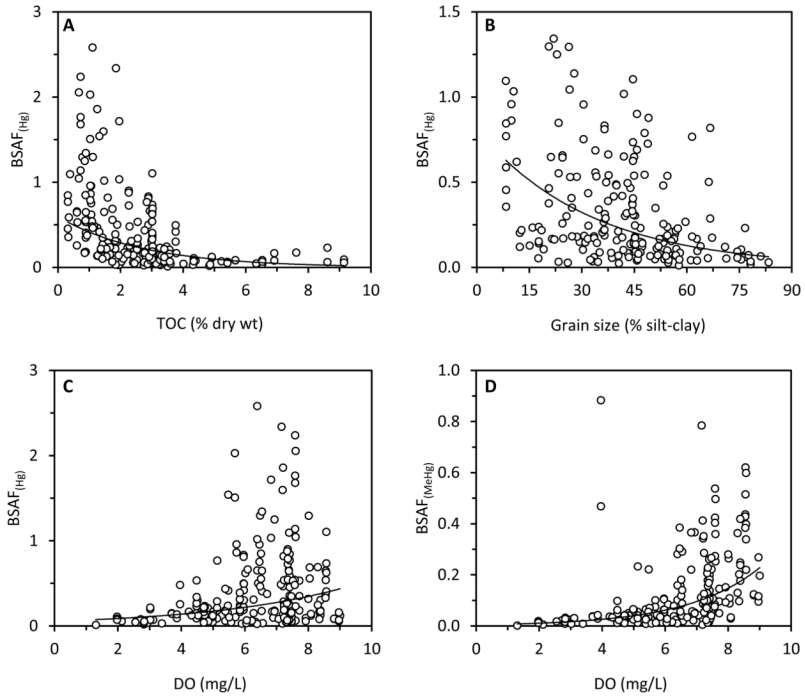

Fig. 6.

Biota-sediment accumulation factors ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$ = biota total Hg/sediment Hg or MeHg) as a function of site-specific geochemical conditions, including total organic carbon (TOC, % dry wt) (A), grain size (% silt-clay) (B), and bottom water dissolved oxygen (DO, mg/L) (C, D). Least-squares exponential regression models were fit to data (*n* = 218).

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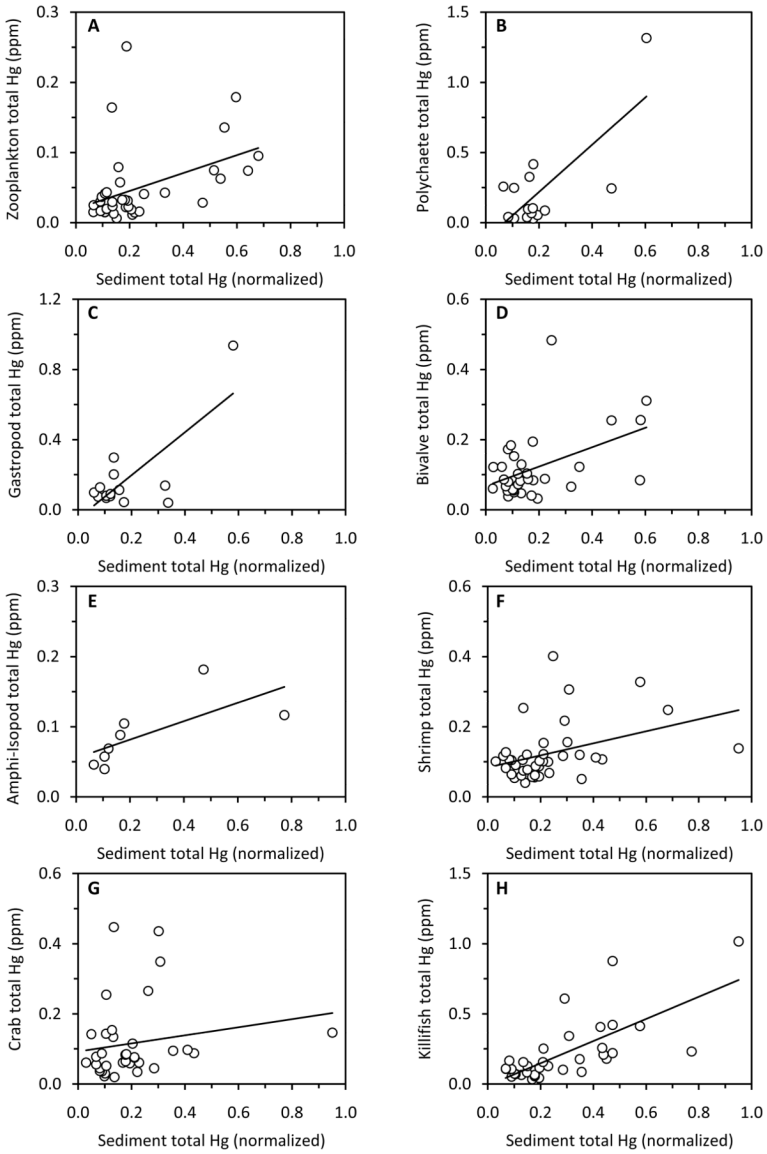

Fig. 7.

Biotic total mercury concentrations (Hg; ppm dry wt) as a function of sediment total Hg (Hg; ppm dry wt) normalized by total organic carbon (% dry wt). Biota include zooplankton (A; n = 37), polychaetes (B; n = 15), gastropods (C; n = 14), bivalves (D; n = 33), amphipods-isopods (E; n = 8), shrimp (F; n = 40), crabs (G; n = 35), and killifish (H; n = 36). All data points represent the mean total Hg of individuals collected from a single site (average ~ 10 individuals per site; range = 2 to 49 individuals per site). Least-squares linear regression models were fit to the data.

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Table 1

Summary of sediment/bottom water characteristics and land use patterns within a 5-km radius of sample locations in the Narragansett Bay.

Variable	Mean (SE)	Range
Sediment		
Total mercury (Hg) (ppm dry wt)	0.555 (0.082)	0.035–2.629
Methylmercury (MeHg) (ppb dry wt)	1.852 (0.274)	0.142–8.586
Percent methylmercury (% MeHg)	0.42 (0.04)	0.03–1.32
Grain size (% silt-clay)	48.8 (2.0)	25.1–83.4
Total organic carbon (TOC; % dry wt)	2.74 (0.16)	0.67–5.47
Water		
Bathymetric depth (m)	4.9 (0.6)	0.6–15.8
Dissolved oxygen (DO; mg/L)	6.4 (0.3)	1.4–10.5
Salinity (Sal)	25.6 (1.2)	0.3–32.6
Temperature (Temp; ºC)	17.1 (1.2)	12.0–27.4
Land use		
Human population (total number)	33,990 (4935)	234–155,511
Hazardous waste sites (total number)	14.9 (1.8)	0–49
Agriculture (ha)	130.3 (13.6)	5.7–3228.4
Wetlands (ha)	322.0 (33.5)	4.7–525.7
Vegetation (ha)	1049.2 (95.2)	332.7–3115.9
Residential (ha)	1245.4 (77.3)	148.2–3001.4
Commercial/Industry (Comm/Ind) (ha)	526.7 (66.9)	3.1–2091.9

Note: Means, standard error of the mean (SE), and ranges are provided.

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Table 2

Parameter estimates (standard error; SE) and summary statistics for stepwise multiple linear regression models used to analyze sediment total mercury (Hg), methylmercury (MeHg), percent methylmercury (% MeHg = MeHg/total Hg), and biota-sediment accumulation factors ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$ = biota total Hg/sediment Hg or MeHg).

Relationship	Model parameters		*F*	*df*	R^2	*p*
	Estimate	SE				
Sediment Hg						
TOC	0.183	0.049	17.12	1, 50	0.259	< 0.0001
Depth	−0.027	0.013	4.20	1, 50	0.056	< 0.05
Intercept	0.623	0.676	-	-	-	-
Sediment MeHg						
Total Hg	0.444	0.102	18.92	1, 50	0.278	< 0.0001
Intercept	−0.226	0.082	-	-	-	-
Sediment % MeHg						
Sal	0.017	0.006	8.28	1, 50	0.145	< 0.01
Intercept	−0.939	0.158	-	-	-	-
Sediment Hg (normalized)						
Residential	$0.551E^{-4}$	$0.177E^{-4}$	9.71	1, 50	0.166	< 0.005
Intercept	0.030	0.059	-	-	-	-
Sediment MeHg (normalized)						
Residential	$0.170E^{-3}$	$0.070E^{-3}$	5.88	1, 50	0.107	< 0.05
Intercept	0.168	0.236	-	-	-	-
Sediment % MeHg (normalized)						
Population	$0.610E^{-5}$	$0.272E^{-5}$	5.03	1, 50	0.093	< 0.05
Intercept	0.320	0.132	-	-	-	-
$BSAF_{(Hg)}$						
TOC	−0.070	0.027	86.58	1, 217	0.290	< 0.0001
DO	0.116	0.022	27.67	1, 217	0.082	< 0.0001
% silt-clay	−0.005	0.002	6.11	1, 217	0.018	< 0.05
Sal	0.012	0.005	5.82	1, 217	0.017	< 0.05
Intercept	−1.272	0.295	-	-	-	-

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Relationship	Model parameters		*F*	*df*	R^2	*p*
	Estimate	SE				
$BSAF_{(MeHg)}$						
DO	0.188	0.016	145.28	1, 217	0.407	< 0.0001
Intercept	−2.338	0.101	-	-	-	-

Note: Response variables were log_{10}-transformed and analyzed as a function of sediment characteristics [grain size (% silt-clay) and total organic carbon (TOC)] and bottom water characteristics [bathymetric depth, dissolved oxygen (DO), salinity (Sal), and temperature]. Sediment mercury concentrations normalized by TOC were also analyzed relative to land use patterns within a 5-km radius of a sample site (human population, hazardous waste sites, agriculture, wetlands, vegetation, residential, and commercial/industry). Only parameters significant at $p < 0.05$ were included in the model, and variable units are identified in Table 1.

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Table 3

Summary of total mercury (Hg; ppm dry wt), stable nitrogen ($\delta^{15}N$) and carbon ($\delta^{13}C$) isotope signatures, length (mm), and whole-body wet weight (g) of estuarine biota collected from the Narragansett Bay.

Taxon/Species	*n*	Total Hg	$\delta^{15}N^{a}$	$\delta^{13}C^{a}$	Length[b]	Weight
Zooplankton						
Copepods/decapod zoeae	131	0.056 (0.006)	11.86 (0.19)	−19.50 (0.14)	-	-
Polychaete						
Nereis spp.	83	0.139 (0.031)	13.63 (0.16)	−16.51 (0.26)	-	-
Gastropod						
Littorina littorea	37	0.090 (0.004)	11.22 (0.19)	−15.93 (0.33)	-	-
Nassarius obsoletus	28	0.177 (0.036)	13.00 (0.42)	−14.11 (0.56)	-	-
Bivalve						
Ensis directus	6	0.066 (0.007)	-	-	11.03 (1.05)	10.25 (2.72)
Mercenaria mercenaria	22	0.104 (0.010)	11.53 (0.11)	−18.08 (0.12)	8.00 (0.51)	29.81 (3.47)
Modiolus demissus	135	0.137 (0.007)	10.65 (0.21)	−20.46 (0.22)	5.98 (0.14)	4.46 (0.30)
Mya arenaria	86	0.148 (0.011)	11.38 (0.13)	−18.90 (0.24)	4.51 (0.20)	7.98 (1.14)
Mytilus edulis	193	0.095 (0.004)	10.67 (0.21)	−20.20 (0.18)	4.01 (0.09)	2.37 (0.18)
Amphipod-Isopod						
Anthurid isopod	11	0.132 (0.022)	-	-	-	-
Gammarus spp.	40	0.093 (0.013)	11.63 (0.24)	−17.50 (0.24)	-	-
Shrimp						
Crangon septemspinosa	294	0.121 (0.005)	13.67 (0.17)	−16.43 (0.40)	3.78 (0.05)	0.49 (0.02)
Palaemonetes pugio	189	0.128 (0.010)	13.62 (0.21)	−16.54 (0.37)	1.02 (0.03)	0.39 (0.02)
Crab						
Callinectes sapidus	28	0.230 (0.03)	-	-	4.81 (0.36)	11.07 (2.04)
Cancer sp.	7	0.096 (0.016)	-	-	3.44 (0.78)	16.86 (8.38)
Carcinus maenas	120	0.126 (0.012)	13.03 (0.14)	−15.30 (0.19)	4.18 (0.17)	24.17 (2.50)
Hemigrapsus sanguineus	16	0.073 (0.012)	-	-	1.83 (0.32)	3.79 (1.57)
Panopeus herbstii	53	0.063 (0.011)	12.87 (0.23)	−14.58 (0.40)	1.57 (0.07)	1.78 (0.24)
Killifish						
Fundulus heteroclitus	164	0.232 (0.017)	14.69 (0.23)	−19.19 (0.45)	6.42 (0.11)	4.32 (0.26)

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Taxon/Species	*n*	Total Hg	$\delta^{15}N^{a}$	$\delta^{13}C^{a}$	Length[b]	Weight
Fundulus majalis	223	0.178 (0.016)	14.49 (0.25)	−18.53 (0.78)	6.19 (0.15)	3.98 (0.26)

Notes: Sample sizes (*n*), mean values, and standard error of the means (in parentheses) are presented. Portions of the mercury and isotope data sets are published in Piraino and Taylor (2009), Payne and Taylor (2010), and Szczebak and Taylor (2011).

[a]Sample size for stable nitrogen and carbon isotope analysis was 19–38 per species.

[b]Length measured as shell height for bivalves, total length for crangonid shrimp and killifish, carapace length for palaemonid shrimp, and carapace width for crabs.

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Table 4

Summary statistics for one-way analysis of variance models testing for mean differences in total mercury (Hg; ppm dry wt), stable nitrogen ($\delta^{15}N$) and carbon ($\delta^{13}C$) isotope signatures, and biota-sediment accumulation factors ($BSAF_{(Hg)}$ and $BSAF_{(MeHg)}$ = biota total Hg/sediment Hg or MeHg) among biota.

Variable	*F*	*df*	*p*
Total Hg	18.23	7, 1865	< 0.0001
$\delta^{15}N$	73.84	7, 458	< 0.0001
$\delta^{13}C$	52.15	7, 458	< 0.0001
$BSAF_{(Hg)}$	10.57	7, 1865	< 0.0001
$BSAF_{(MeHg)}$	8.95	7, 1865	< 0.0001

Note: Response variables were log_{10}-transformed prior to statistical analysis.

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Table 5

Parameter estimates (standard error; SE) and summary statistics for least-squares linear regression models used to analyze total mercury (Hg) concentrations of biota as a function of normalized sediment total Hg and methylmercury (MeHg) content.

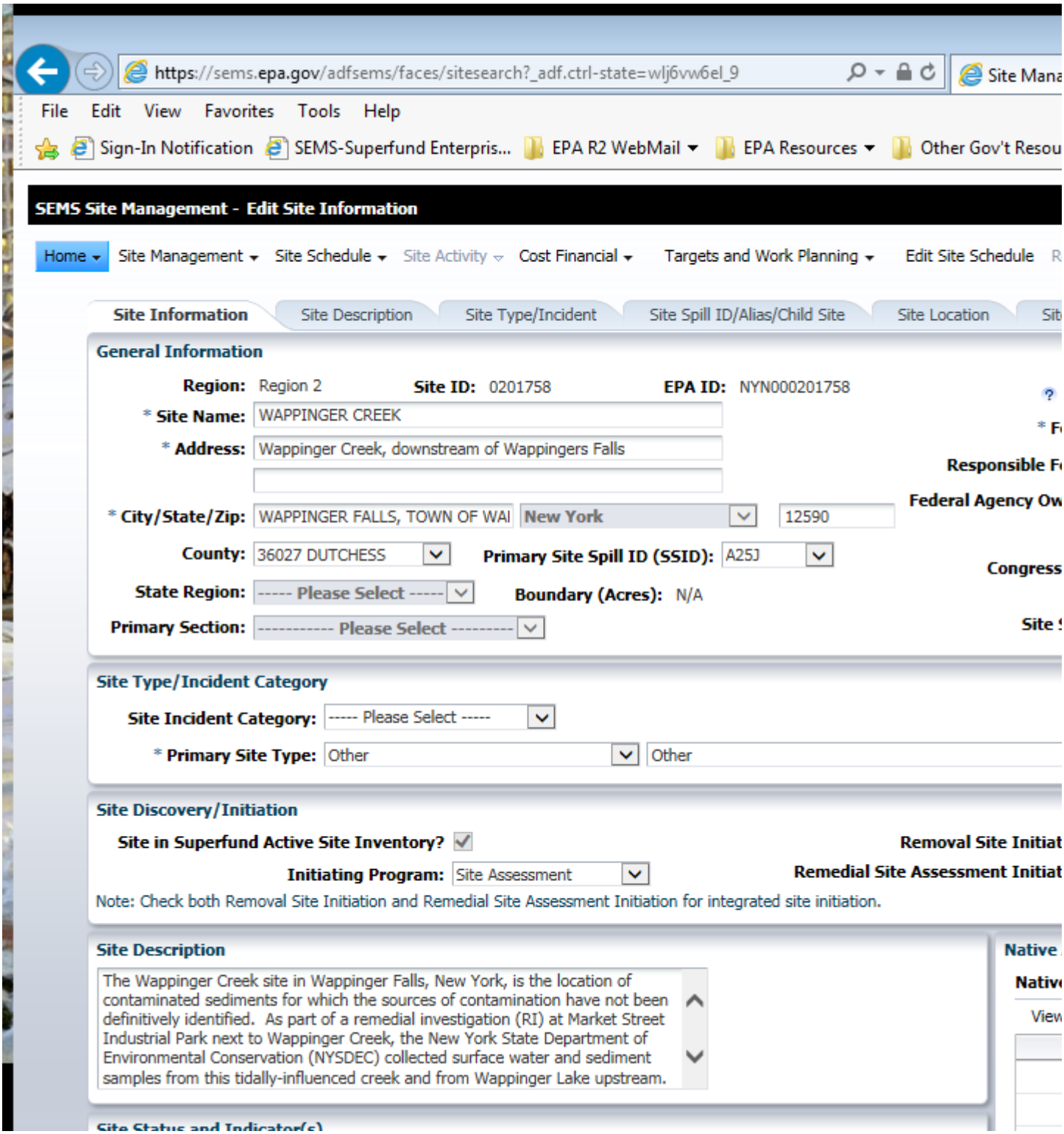
Relationship	Model parameters		*F*	*df*	R^2	*p*
	Intercept	Slope				
Zooplankton						
Sediment Hg	0.02 (0.01)	0.13 (0.05)	7.56	1, 36	0.178	< 0.01
Sediment MeHg	0.04 (0.02)	0.01 (0.02)	0.25	1, 36	0.007	0.622
Polychaete						
Sediment Hg	−0.12 (0.10)	1.68 (0.41)	16.45	1, 14	0.559	< 0.005
Sediment MeHg	−0.05 (0.13)	0.37 (0.15)	6.42	1, 14	0.331	< 0.05
Gastropod						
Sediment Hg	−0.05 (0.07)	1.23 (0.30)	16.21	1, 13	0.575	< 0.005
Sediment MeHg	0.18 (0.15)	−0.01 (0.14)	0.001	1, 13	0.0001	0.972
Bivalve						
Sediment Hg	0.07 (0.02)	0.28 (0.09)	8.70	1, 32	0.219	< 0.01
Sediment MeHg	0.12 (0.03)	0.003 (0.03)	0.007	1, 32	0.0002	0.932
Amphipod-Isopod						
Sediment Hg	0.06 (0.02)	0.13 (0.06)	5.61	1, 7	0.483	< 0.05
Sediment MeHg	0.11 (0.04)	−0.04 (0.06)	0.53	1, 7	0.081	0.495
Shrimp						
Sediment Hg	0.08 (0.02)	0.17 (0.07)	6.52	1, 39	0.147	< 0.05
Sediment MeHg	0.12 (0.02)	0.01 (0.02)	0.25	1, 39	0.007	0.617
Crab						
Sediment Hg	0.09 (0.03)	0.12 (0.11)	1.05	1, 34	0.031	0.313
Sediment MeHg	0.08 (0.03)	0.04 (0.03)	1.81	1, 34	0.052	0.188
Killifish						
Sediment Hg	−0.01 (0.05)	0.79 (0.13)	35.38	1, 35	0.510	< 0.0001
Sediment MeHg	0.12 (0.06)	0.13 (0.06)	4.36	1, 35	0.114	< 0.05

Note: Sediment mercury concentrations were normalized by total organic carbon.

REFERENCE 54

Snyder, Scott

From: Moyik, Cathy <moyik.cathy@epa.gov>
Sent: Thursday, January 28, 2016 10:44 AM
To: Snyder, Scott; Zeno, Denise
Cc: Acosta, Ildefonso
Subject: RE: Wappinger Address



From: Snyder, Scott [mailto:S.Snyder@WestonSolutions.com]
Sent: Thursday, January 28, 2016 10:26 AM
To: Moyik, Cathy <moyik.cathy@epa.gov>; Zeno, Denise <Zeno.Denise@epa.gov>
Cc: Acosta, Ildefonso <Acosta.Ildefonso@epa.gov>
Subject: RE: Wappinger Address

yes

From: Moyik, Cathy [mailto:moyik.cathy@epa.gov]
Sent: Thursday, January 28, 2016 10:25 AM
To: Snyder, Scott; Zeno, Denise
Cc: Acosta, Ildefonso
Subject: RE: Wappinger Address

Is this what I am changing it to below???

From: Snyder, Scott [mailto:S.Snyder@WestonSolutions.com]
Sent: Thursday, January 28, 2016 7:36 AM
To: Zeno, Denise <Zeno.Denise@epa.gov>
Cc: Moyik, Cathy <moyik.cathy@epa.gov>; Acosta, Ildefonso <Acosta.Ildefonso@epa.gov>
Subject: RE: Wappinger Address

Wappinger Creek, downstream of Wappingers Falls, Wappingers Falls, NY 12590

From: Zeno, Denise [mailto:Zeno.Denise@epa.gov]
Sent: Thursday, January 28, 2016 7:25 AM
To: Snyder, Scott
Cc: Moyik, Cathy; Acosta, Ildefonso
Subject: RE: Wappinger Address

Scott,

Please send us the final address and cc Cathy so she can enter it in SEMS.

thanks

From: Snyder, Scott [mailto:S.Snyder@WestonSolutions.com]
Sent: Wednesday, January 27, 2016 5:50 PM
To: Acosta, Ildefonso <Acosta.Ildefonso@epa.gov>; Zeno, Denise <Zeno.Denise@epa.gov>
Subject: Wappinger Address

Denise, Ilde
Please send me a PDF of the site information page once the change in SEMS is made.

Thank you,

scott

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