Data Validation Summary Report, Revision 4
February to August 2011
Soil Remediation Completion Sampling
Nevada Environmental Response Trust (NERT)
Henderson, Nevada

Prepared for

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ATTACHMENT

LIST OF ACRONYMS AND ABBREVIATIONS

DQO	Data Quality Objectives
DUP	Duplicate
DVSR	Data Validation Summary Report
EDL	Estimated Detection Limit
ICV	Initial Calibration Verification
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
LDC	Laboratory Data Consultants, Inc.
MS/MSD	Matrix Spike / Matrix Spike Duplicate
PARCC	Precision, Accuracy, Representativeness, Comparability, Completeness
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance / Quality Control
QAPP	Quality Assurance Project Plan
RPD	Relative Percent Difference
RSD	Relative Standard Deviation
SDG	Sample Delivery Group
SQL	Sample Quantitation Limit
ug/L	Micrograms per Liter
ug/Kg	Micrograms per Kilogram
mg/L	Milligram per Liter
mg/Kg	Milligram per Kilogram
ng/g	Nanogram per Gram
pg/L	Picogram per Liter
pg/g	Picogram per Gram
USEPA	United States Environmental Protection Agency
%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

1.0 INTRODUCTION

This data validation summary report (DVSR) has been prepared by Laboratory Data Consultants, Inc. (LDC) to assess the validity and usability of laboratory analytical data from the Soil Remediation Completion Sampling conducted at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada. The assessment was performed by ENVIRON as a part of the *Revised Phase B Quality Assurance Project Plan Tronox LLC Facility, Henderson, Nevada* dated May 2009 and included the collection and analyses of 170 environmental and quality control (QC) samples. The analyses were performed by the following methods:

Volatiles by EPA SW 846 Method 8260B
Semivolatiles by EPA SW 846 Method 8270C
Polynuclear Aromatic Hydrocarbons by EPA SW 846 Method 8270C-SIM
Pesticides by EPA SW 846 Method 8081A
Polychlorinated Dioxins/Dibenzofurans by EPA SW 846 Method 8280A and 8290
Metals by EPA SW 846 Method 6010B, 6020, and 7471A

Wet Chemistry:
Perchlorate by EPA Method 314.0
pH by EPA SW 846 Method 9045C

Laboratory analytical services were provided by Test America, Inc. The samples were grouped into sample delivery groups (SDGs). The water samples are associated with QA/QC samples designed to document the data quality of the entire SDG or a sub-group of samples within an SDG. Table I is a cross-reference table listing each sample, analysis, SDG, collection date, laboratory sample number, and matrix. All shaded samples in Table I were reviewed under Stage 4 validation guidelines.

The laboratory analytical data were validated in accordance with procedures described in the Nevada Division of Environmental Protection (NDEP) *Data Verification and Validation Requirements - Supplement* established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April 13, 2009. Consistent with the NDEP requirements, approximately ninety percent of the analytical data were validated according to Stage 2B data validation procedures and ten percent of the analytical data were validated according to Stage 4 data validation procedures. The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: *Basic Remediation Company (BRC) Standard Operating Procedures (SOP) 40 Data Review/Valdiation,* Revision 4, May 2009, *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008, *Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review*, January 2010, *Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxins/Dibenzofurans Data Review*, September 2005, and the *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste*, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IV, February 2007.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, and comparability (PARCC) relative to the project data quality objectives (DQOs). This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

The PARCC summary report evaluates and summarizes the results of QA/QC data validation for the entire sampling program. Each analytical fraction has a separate section for each of the PARCC criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 5.0 presents a summary of the PARCC criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCC criteria are also summarized in this section.

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a measurement. Errors for sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given media.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: equipment blanks, field duplicates, method blanks, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), laboratory duplicates (DUP), and matrix spike/matrix spike duplicates (MS/MSDs).

Before conducting the PARCC evaluation, the analytical data were validated according to the BRC SOP-40 (May 2009), Functional Guidelines (USEPA 2005, 2008, 2010), and EPA SW 846 Test Methods. Samples not meeting the acceptance criteria were qualified with a flag, an abbreviation indicating a deficiency with the data. The following are flags used in data validation.

J- Estimated The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise.

J+ Estimated The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise.

J Estimated The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

K Estimated The associated numerical value is an estimated maximum possible concentration (EMPC). Flagged by the laboratory as estimated due to not meeting the qualitative identification criteria, target compounds reported as EMPC by the laboratory should be considered estimated.

R Rejected The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte. The "R" designation is also applied to yield only one complete set of data for a given sample and eliminate redundant data.

U Nondetected Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result that is detected in an environmental sample and associated blank at less than the PQL.

UJ Estimated/Nondetected Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

A Indicates the finding is based upon technical validation criteria.
P Indicates the finding is related to a protocol/contractual deviation.

The hierarchy of flags is listed below:

R > J	The R flag will always take precedence over the J qualifier.
J > J+ or J-	A non-biased (J) flag will always supersede biased (J+ or J-) flags since it is not possible to assess the direction of the potential bias.
J = J+ plus J-	Adding biased (J+, J-) flags with opposite signs will result in a non-biased flag (J).
UJ = U plus J or J+ or J-	The UJ flag is used when a non-detected (U) flag is added to a biased (J+ or J-) or non-biased flag (J).

Table II lists the reason codes used. Reason codes explain why flags have been applied and identify possible limitations of data use. Reason codes are cumulative except when one of the flags is R then only the reason code associated to the R flag will be used.

Table III presents the overall qualified results after all the flags or validation qualifiers and associated reason codes have been applied.

Once the data are reviewed and qualified according to the BRC SOP-40, Functional Guidelines, and EPA Test Methods, the data set is then evaluated using PARCC criteria. PARCC criteria provide an evaluation of overall data usability. The following is a discussion of PARCC criteria as related to the project DQOs.

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$RPD = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

where:
D1 = reported concentration for the sample
D2 = reported concentration for the duplicate

Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. An additional measure of sampling precision was obtained by collecting and analyzing field duplicate samples, which were compared using the RPD result as the evaluation criteria.

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. The LCS measures laboratory efficiency in recovering target analytes from either an aqueous matrix in the absence of matrix interferences.

One primary sample is analyzed and accompanied by an unspiked laboratory duplicate. The data reviewer compares the reported results of the primary analysis and the laboratory duplicate, then calculates RPDs, which are used to assess laboratory precision.

Laboratory and field sampling precision are evaluated by calculating RPDs for aqueous field sample duplicate pairs. The sampler collects two field samples at the same location and under identically controlled conditions. The laboratory then analyzes the samples under identical conditions.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results maybe reported in either the primary or duplicate samples at levels below the practical quantitation limit (PQL) or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and LCSD. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Accuracy of inorganic analyses is determined using the percent recoveries of MS and LCS analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

where:
A = measured concentration in the spiked sample
B = measured concentration of the spike compound in the unspiked sample
C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples and LCS/LCSD is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantitation limits reported for environmental samples.

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blanks, samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis. The QA/QC blanks collected and analyzed are method blanks, equipment blanks and field blanks.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

Initial and continuing calibration blanks consist of acidified laboratory grade water, which are injected at the beginning and at a regular frequency during each 12 - hour sample analysis run. These blanks estimate residual contaminants from the previous sample or standards analysis and measure baseline shifts that commonly occur in emission and absorption spectroscopy.

Equipment blanks consist of analyte-free water poured over or through the sample collection equipment. The water is collected in a sample container for laboratory analysis. These blanks are collected after the sampling equipment is decontaminated and measure efficiency of the decontamination procedure. Equipment blanks were collected and analyzed for all target analytes.

Contaminants found in both the environmental sample and the blank samples are assumed to be laboratory artifacts if both values are less than the PQL.

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times will be specific for each method and matrix analyzed. Holding time exceedance can cause loss of sample constituents due to biodegradation, precipitation, volatization, and chemical degradation. In accordance with EPA guidance (USEPA 2004), sample results for analyses that were performed after the method holding time but less than two times the method holding time were qualified as estimated (J- or UJ) and sample results for analyses that were performed after two times the method holding time were qualified as rejected (R).

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data are considered comparable. Comparability is also dependent upon other PARCC criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.

Percent completeness is calculated using the following equation:

$$\%C = (T - R)/T \times 100$$

where:
%C = percent completeness
T = total number of sample results
R = total number of rejected sample results

Completeness is also determined by comparing the planned number of samples per method and matrix as specified in the QAPP, with the number determined above.

The following sections present a review of QC data for each analytical method.

2.0 VOLATILE ORGANIC COMPOUNDS

A total of 6 soil and 8 water samples were analyzed for VOCs by EPA SW-846 Method 8260B. All VOC data were assessed to be valid since none of the 486 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

2.1 Precision and Accuracy

2.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Relative response factor (RRF), percent relative standard deviation (%RSD), and percent difference (%D) are the three major parameters used to measure the effectiveness of instrument calibration. RRF is a measure of the relative spectral response of an analyte compared to its internal standard. %RSD is an expression of the linearity of instrument response. %D is a comparison of a continuing calibration instrumental response with its initial response. %RSD and %D exceedances suggest routine instrumental anomalies, which typically impact all sample results for the affected compounds.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial calibration verifications met the acceptance criteria of 25 percent.

Twenty two results were qualified as non-detected estimated (UJ). The %Ds in the continuing calibration verifications were outside the acceptance criteria of 25 percent or the RRFs were less than the acceptance criteria of 0.05. The affected compounds were 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-dioxane, 2-chlorotoluene, 4-chlorotoluene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, t-butanol, and tert-butylbenzene. The details regarding the qualification of results are provided in Attachment A.

2.1.2 Surrogates

Due to surrogate %Rs outside of acceptance criteria, 68 results in sample EE-E14A-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are provided in Attachment B.

2.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met acceptance criteria.

2.1.4 LCS Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

2.1.5 Internal Standards

Due to internal standard area counts outside of the acceptance criteria, 86 results in samples CS-E14A-2 and EE-E14A-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are provided in Attachment E.

2.1.6 Field Duplicate Samples

No field duplicate samples were collected and analyzed for this analysis.

2.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

2.2 Representativeness

2.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day analysis holding time criteria.

2.2.2 Blanks

Method blanks and equipment blanks were analyzed to evaluate representativeness. The concentration for an individual target compound in any of the two types of QA/QC blanks was used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results based on the following criteria.

> Results Below the PQL If a sample result and blank contaminant value were less than the PQL, the sample result was amended as estimated (J) at the concentration reported in the sample results.
>
> Results Above the PQL If a sample result and blank contaminant value were greater than the PQL and less than 10 times the blank contaminant value, the sample result was qualified as detected estimated (J+) at the concentration reported in the sample results.
>
> No Action If a sample result and blank contaminant values were greater than the PQL, the result was not amended.

2.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the methylene chloride result for sample CS-C10B-1 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

2.2.2.2 Equipment Blanks

No equipment blanks were collected and analyzed for this analysis.

2.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the Sample Quantitation Limits (SQLs) attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

2.4 Completeness

The completeness level attained for VOC field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

3.0 SEMIVOLATILE ORGANIC COMPOUNDS

A total of 62 soil and 4 water samples were analyzed for SVOCs by EPA SW-846 Method 8270C. All SVOC data were assessed to be valid since none of the 626 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial and continuing calibration verifications met the acceptance criteria of 25 percent. The relative response factors were within the method acceptance criteria in the initial and continuing calibration standards.

3.1.2 Surrogates

Due to surrogate %R outside of the acceptance criteria, the hexachlorobenzene result for sample EE-E14B-2 was qualified as detected estimated (J-). The details regarding the qualification of results are provided in Attachment B.

3.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met acceptance criteria.

3.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

3.1.5 Internal Standards

Due to internal standard area counts outside of the acceptance criteria, 6 results in sample DS-C24-2 were qualified as detected estimated (J). The affected compounds were benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The details regarding the qualification of results are provided in Attachment E.

3.1.6 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Twelve results were qualified as detected estimated (J) or non-detected estimated (UJ) due to RPD or difference outside of the acceptance criteria in field duplicate pairs SSAQ6-02-0.3_01_BPC and SSAQ6-02-0.3_01_BPC FD, EE-E14B-1 and EE-E14B-2, and DS-C24-1 and DS-C24-2. The details regarding the qualification of results

are provided in Attachment G.

3.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to lack of resolution of between benzo(b)fluoranthene and benzo(k)fluoranthene on column, 4 results in samples SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC FD were qualified as detected estimated (J) or non-detected estimated (UJ). The laboratory used the total peak area for quantitation. The details regarding the qualification of results are provided in Attachment H.

3.2 Representativeness

3.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

3.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

3.2.2.1 Method Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

3.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

3.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

3.4 Completeness

The completeness level attained for SVOC field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.0 POLYNUCLEAR AROMATIC HYDROCARBONS

A total of 28 soils and one water sample were analyzed for PAHs by EPA SW-846 Method 8270C-SIM. All PAH data were assessed to be valid since none of the 554 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

4.1 Precision and Accuracy

4.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 30 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration. The %Ds in the initial and continuing calibration verifications met the acceptance criteria of 25 percent. The relative response factors were within the method acceptance criteria in the initial and continuing calibration standards.

4.1.2 Surrogates

All surrogate %Rs met the acceptance criteria.

4.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

4.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

4.1.5 Internal Standards

All internal standard area counts and retention times met the acceptance criteria.

4.1.6 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Twenty results were qualified as detected estimated (J) due to difference outside of the acceptance criteria in field duplicate pair DS-C24-1 and DS-C24-2. The details regarding the qualification of results are provided in Attachment G.

4.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to lack of resolution of between benzo(b)fluoranthene and benzo(k)fluoranthene on column, 4 results in samples DS-E16-1 and EE-C24-2 were qualified as detected estimated (J) or non-detected estimated (UJ). The laboratory used the total peak area for quantitation. The details regarding the qualification of results are provided in Attachment H.

4.2 Representativeness

4.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

4.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

4.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

4.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

4.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

4.4 Completeness

The completeness level attained for PAH field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

5.0 CHLORINATED PESTICIDES

A total of 51 soil and 2 water samples were analyzed for chlorinated pesticides by EPA SW-846 Method 8081A. All chlorinated pesticide data were assessed to be valid since none of the 467 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

5.1 Precision and Accuracy

5.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs met the acceptance criteria of 20 percent or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration.

Ten results in samples CS-E11-1, CS-E11-3, DS-D14-1, DS-E14A-1, and DS-E14A-2 were qualified as detected estimated (J) or non-detected estimated (UJ). The %Ds in the initial and continuing calibration verifications were outside the method acceptance criteria of 20 percent for 4,4-DDE, aldrin, alpha-BHC, alpha-chlordane, chlordane (technical), gamma-chlordane, methoxychlor, and toxaphene. The details regarding the qualification of results are provided in Attachment A.

5.1.2 Surrogates

Due to surrogate %Rs outside of the acceptance criteria, 39 results in samples CS-E14C-2, DS-C39B-1, DS-D27-1, DS-D27-2, DS-DB-2, and DS-E16-1 were qualified as detected estimated (J) or non-detected estimated (UJ). The affected compounds were 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, chlordane (technical), delta-BHC, dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, endrin ketone, gamma-BHC, gamma-Chlordane, heptachlor, heptachlor epoxide, hexachlorobenzene, methoxychlor, and toxaphene. The details regarding the qualification of results are provided in Attachment B.

5.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

5.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

5.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. All RPDs or difference met the acceptance criteria.

5.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to the RPD between 2 columns greater than 40 percent, the alpha-BCH result in sample DS-E14A-1 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment H.

5.2 Representativeness

5.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 14-day extraction for soils, 7-day extraction for waters, and 40-day analysis holding time criteria.

5.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

5.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the hexachlorobenzene result in sample CS-C05A-1was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

5.2.2.2 Equipment Blanks

No contaminants were detected in the equipment blanks for this analysis.

5.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

5.4 Completeness

The completeness level attained for chlorinated pesticide field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

6.0 POLYCHLORINATED DIOXINS AND DIBENZOFURANS

A total of 105 soil and 6 water samples were analyzed for PCDDs/PCDFs by EPA SW 846 Method 8280A and 8290. All PCDD/PCDF data were assessed to be valid since none of the 1898 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

6.1 Precision and Accuracy

6.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent for unlabeled compounds and 30 percent for labeled compounds. The ion abundance ratios met the method acceptance criteria.

Thirteen results were qualified as detected estimated (J). The %Ds in the routine calibration were outside the acceptance criteria of 20 percent for unlabeled compounds and 30 percent for labeled compounds. The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment A.

6.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

6.1.3 LCS Samples

Due to LCS %Rs outside of acceptance criteria, 18 results in DS-C39B-1, DS-D27-1, DS-D27-2, DS-E16-1, DS-E14A-1, and DS-E14A-2 samples were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, and OCDF. The details regarding the qualification of results are provided in Attachment D.

6.1.4 Internal Standards

Due to internal standard %Rs outside of the acceptance criteria, 145 results in 23 samples were qualified as detected estimated (J) or non-detected estimated. The details regarding the qualification of results are provided in Attachment E.

6.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Forty two results were qualified as detected estimated (J) due to difference outside of the acceptance criteria in field duplicate pairs SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC_FD and DS-DB-1 and DS-DB-2. The details regarding the qualification of results are provided in Attachment G.

6.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

Due to results exceeding the calibration range of the instrument, 130 results were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment H.

Due to not meeting the qualitative identification criteria, 126 results were indicated as Estimated Maximum Possible Concentration (EMPC) by the lab and qualified as detected estimated (J). Target compounds reported as EMPC by the laboratory should be considered estimated. The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment H.

6.2 Representativeness

6.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 30-day extraction and 45-day analysis holding time criteria.

6.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

6.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, 149 results in 29 samples were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the

qualification of results are provided in Attachment I.

6.2.2.2 Equipment Blanks

As a result of contamination found in the equipment blanks, 15 results in samples CS-C07A-1, CS-08-1, and CS-C09A-1 were qualified as detected estimated (J). The affected compounds were 1,2,3,4,6,7,8-HpCDD, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, 1,2,3,4,7,8-HxCDD, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDD, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDD, 1,2,3,7,8,9-HxCDF, 1,2,3,7,8-PeCDD, 1,2,3,7,8-PeCDF, 2,3,4,6,7,8-HxCDF, 2,3,4,7,8-PeCDF, 2,3,7,8-TCDD, 2,3,7,8-TCDF, OCDD, and OCDF. The details regarding the qualification of results are provided in Attachment I.

6.3 Comparability

The laboratory used standard analytical methods for all of the analyses. The laboratory reported non-detect results at the sample specific estimated detection limits (EDL). In all cases, the EDLs attained were below the specified PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

6.4 Completeness

The completeness level attained for PCDD/PCDF field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

7.0 METALS

A total of 129 soil and 8 water samples were analyzed for metals by EPA SW 846 Method 6010B, 6020, and 7471A. All metal data were assessed to be valid since none of the 340 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

7.1 Precision and Accuracy

7.1.1 Instrument Calibration

Initial and continuing calibration verification results provide a means of evaluating accuracy within a particular SDG. Correlation coefficient (r) and percent recovery (%R) are the two major parameters used to measure the effectiveness of instrument calibration. The correlation coefficient indicates the linearity of the calibration curve. %R is used to verify the ongoing calibration acceptability of the analytical system.

The most critical of the two calibration parameters, r, has the potential to affect data accuracy across an SDG when it is outside the acceptable QC limits. %R exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected analytes.

The correlation coefficients in the initial calibrations were within the acceptance criteria of ≥ 0.995 and the %Rs in the initial and continuing calibration verifications met the acceptance criteria of 90-110%.

7.1.2 MS/MSD Samples

Due to MS/MSD %Rs and RPDs outside of the acceptance criteria, 40 results in 33 samples were qualified as detected estimated (J). The affected compounds were arsenic, cobalt, magnesium, and manganese. The details regarding the qualification of results are provided in Attachment C.

7.1.3 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met acceptance criteria.

7.1.4 ICP Serial Dilution

Due to serial dilution %Ds outside of the acceptance criteria, 19 results in 17 samples were qualified as detected estimated (J). The affected compounds were arsenic, cadmium, cobalt, lead, and magnesium. The details regarding the qualification of results are provided in Attachment F.

7.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. Two arsenic results were qualified as detected estimated (J) due to RPD outside of the acceptance criteria in field duplicate pair SSAO5-09-0.0_01_BPC and SSAO5-09-0.0_01_BPC FD. The details regarding the qualification of results are provided in Attachment G.

7.1.6 ICP Interference Check Sample

All ICP interference check %Rs met acceptance criteria.

7.1.7 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

7.2 Representativeness

7.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria for mercury and the 180-day analysis holding time criteria for all other metals.

7.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

7.2.2.1 Method Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

7.2.2.2 Equipment Blanks

As a result of contamination found in the equipment blanks, 2 arsenic results in samples CS-C07A-1 and CS-C08-1 were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

7.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

7.4 Completeness

The completeness level attained for metal field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

8.0 ASBESTOS

Asbestos results were not reviewed in this report. Asbestos validation is reported in the "Data Validation Summary Report for Asbestos Data Associated with the Data Validation Summary Report, February to August 2011, Soil Remediation Completion Sampling, Nevada Environmental Response Trust (NERT)"; a separate, asbestos-only DVSR prepared by Neptune and Company.

9.0 WET CHEMISTRY

A total of 56 soil and 3 water samples were analyzed for perchlorate by EPA Method 314.0 and pH by EPA SW 846 Method 9045C. All wet chemistry data were assessed to be valid since none of the 61 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

9.1 Precision and Accuracy

9.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The correlation coefficients in the initial calibrations were within the acceptance criteria of ≥ 0.995 and the %Rs in the continuing calibration verification met the acceptance criteria of 90-110%.

9.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

9.1.3 DUP Samples

All DUP RPDs met the acceptance criteria.

9.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

9.1.5 Field Duplicate Samples

The field duplicate samples were evaluated for acceptable precision with RPDs or difference in instances the results were less than five times the reporting limit for the compounds. 2 perchlorate results were qualified as detected estimated (J) due to RPD in field duplicate pair EE-E08A-1 and EE-E08A-2. The

details regarding the qualification of results are provided in Attachment G.

9.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

9.2 Representativeness

9.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria for perchlorate and pH.

9.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks and equipment blanks were analyzed to evaluate representativeness.

9.2.2.1 Method Blanks

As a result of contamination found in the laboratory blanks, the perchlorate result in sample EB-02092011-SSAO6 was qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment I.

9.2.2.2 Equipment Blanks

No data were qualified due to the contaminants detected in the method blanks for this analysis.

9.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

9.4 Completeness

The completeness level attained for wet chemistry field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

10.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all of the analyses throughout the project. No systematic variances in analytical performance were noted in the laboratory case narratives.

11.0 SUMMARY OF PARCC CRITERIA

The validation reports present the PARCC results for all SDGs. Each PARCC criterion is discussed in detail in the following sections.

11.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as calibration, surrogates, MS/MSD, DUP, LCS/LCSD, serial dilution, and field duplicates. The precision and accuracy of the data set were considered acceptable after integration of result qualification.

All calibrations were performed as required and met the acceptance criteria. All surrogate, MS/MSD, DUP, LCS/LCSD, serial dilution and field duplicate percent recoveries, %Ds, RPDs, and difference met acceptance criteria with the exceptions noted in Sections 2.1.1, 2.1.2, 2.1.5, 3.1.2, 3.1.5, 3.1.6, 3.1.7, 4.1.6, 4.1.7, 5.1.1, 5.1.2, 5.1.6, 6.1.1, 6.1.3, 6.1.4, 6.1.5, 6.1.6, 7.1.2, 7.1.4, 7.1.5, and 9.1.5. All ICP interference check sample %Rs met acceptance criteria.

11.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable after integration of result qualification.

11.3 Comparability

Sampling frequency requirements were met in obtaining necessary field blanks and field duplicates. The laboratory used standard analytical methods for the analyses. The analytical results were reported in correct standard units. Sample preservation, and sample integrity criteria were met. All holding times were within QC criteria. The overall comparability is considered acceptable.

11.4 Completeness

Of the 4,450 total analytes reported, none of the sample results were rejected. The completeness for the soil remediation sampling event is as follows:

Parameter	Total Analytes	No. of Rejects	% Completeness
VOCs	486	0	100
SVOCs	626	0	100
PAHs	554	0	100
Pesticides	467	0	100
PCDDs/PCDFs	1,898	0	100
Metals	340	0	100
Wet Chemistry	61	0	100
Total	**4,450**	**0**	**100**

The completeness percentage based on rejected data met the 90 percent DQO goal.

12.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the water sample laboratory analytical results generated during the Soil Remediation Completion Sampling at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada established that the overall project requirements and completeness levels were met. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Stage 2B and Stage 4 data validation all other results are considered valid and usable for all purposes.

13.0 REFERENCES

NDEP Data Verification and Validation Requirements - Supplement established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April, 13, 2009.

Basic Remediation Company (BRC) Standard Operating Procedures, SOP-40 Data Review/Validation, Revision 4, May 2009.

*Revised Phase B Quality Assurance Project Plan Tronox LLC Facility, Henderson, Nevada (*QAPP), Revision, May 2009.

Region 9 Superfund Data Evaluation/Validation Guidance, R6QA/006.1, Draft, December 2001.

USEPA 2008. *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008.

USEPA 2010. *Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review*, January 2010.

USEPA 2005. *Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxin/Dibenzofuran Data Review*, September 2005.

____,1983. EPA *Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Cincinnati, Ohio,* March 1983.

____,1996. EPA SW 846 *Third Edition, Test Methods for Evaluating Solid Waste, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III,* December 1996; update IV, February 2007.

(Eaton et al., 1998) *Standard Method for the Examination of Water and Wastewater* (20th ed.). Washington, DC: American Public Health Association.

TABLE I

Sample Cross Reference

SDG#: 280-12420-1 **LDC#:** 26468A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn (6020)	Mg (6020)	CLO_4 (314.0)				
SSAK2-02-0.0_01_BPC	280-12420-1	soil	02/09/11		X				X							
SSAJ2-07-2.0_01_BPC	280-12420-2	soil	02/09/11		X				X							
SSAO3-06-3.0_01_BPC	280-12420-3	soil	02/09/11						X	X						
SSAQ6-02-0.3_01_BPC	280-12420-4	soil	02/09/11		X				X	X	X					
SSAQ6-02-0.3_01_BPC FD	280-12420-5	soil	02/09/11		X				X	X	X					
SSAO5-08-3.0_01_BPC	280-12420-6	soil	02/09/11		X				X		X					
SSAO6-06-1.0_01_BPC	280-12420-7	soil	02/09/11		X				X	X	X					
EB-02092011-SSAO6	280-12420-8	water	02/09/11		X				X	X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-12420-2 **LDC#:** 26468B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn (6020)	Mg (6020)	CLO_4 (314.0)				
SSAK2-02-0.0_01_BPC	280-12420-1	soil	02/09/11									X				
SSAJ2-07-2.0_01_BPC	280-12420-2	soil	02/09/11									X				
SSAO5-08-3.0_01_BPC	280-12420-6	soil	02/09/11									X				
EB-02092011-SSAO6	280-12420-8EB	water	02/09/11									X				

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-12451-1 **LDC#:** 26468C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn (6020)	Mg (6020)	CLO_4 (314.0)				
SSAI3-08-10.0_01_BPC	280-12451-1	soil	02/11/11		X											
SSAJ3-10-0.0._01_BPC	280-12451-2	soil	02/11/11		X											
SSAO5-09-0.0_01_BPC	280-12451-3	soil	02/11/11		X				X	X	X					
SSAO5-09-0.0_01_BPC FD	280-12451-4FD	soil	02/11/11		X				X	X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14714-1 **LDC#:** 25422A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	Pest (8081A)	HCB (8081A)	Mg (6010B)	As Pb (6020)								
CS-C06-1	280-14714-1	soil	04/13/11			X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14716-1 **LDC#:** 25422B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest (8081A)	Mn Mg (6010B)	As Pb (6020)										
DS-C39B-1	280-14716-1	soil	04/14/11	X	X	X										
DS-D27-1	280-14716-2	soil	04/14/11	X	X	X										
DS-D27-2	280-14716-3	soil	04/14/11	X	X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14718-1 **LDC#:** 25422C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	PAH (8270C-SIM)	Pest (8081A)	Mn Mg (6010B)	As Pb (6020)									
DS-E16-1	280-14718-1	soil	04/14/11	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14868-1 **LDC#:** 25422D

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	Pest (8081A)	HCB (8081A)	Mg (6010B)	As Pb (6020)								
DS-C19-1	280-14868-1	soil	04/20/11			X										
DS-C10A-1	280-14868-2	soil	04/20/11			X										
DS-C10-1	280-14868-3	soil	04/20/11			X										
DS-C25-1	280-14868-4	soil	04/20/11			X										
DS-09A-1	280-14868-6	soil	04/20/11			X										
DS-C11-1	280-14868-7	soil	04/20/11			X										
DS-C08-1	280-14868-8	soil	04/20/11			X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-14924-1 **LDC#:** 25422E

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	Pest (8081A)	HCB (8081A)	Mg (6010B)	As Pb (6020)								
DS-D23-1	280-14924-1	soil	04/20/11			X										
DS-DC-1	280-14924-2	soil	04/20/11			X										
DS-DB-1	280-14924-3	soil	04/20/11			X										
DS-DB-2	280-14924-4	soil	04/20/11			X										
CS-C07B-2	280-14924-5	soil	04/20/11			X										
CS-C07B-1	280-14924-6	soil	04/20/11			X										
CS-C05A-1	280-14924-7	soil	04/20/11			X										
CS-C08-2	280-14924-8	soil	04/20/11			X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-16501-1 **LDC#:** 25643A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-E14B-1	280-16501-3	soil	06/02/11			X				X						
CS-E14C-1	280-16501-7	soil	06/02/11				X	X		X						
CS-E16-1	280-16501-9	soil	06/02/11			X				X	X	X				

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-16501-2 **LDC#:** 25626A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Co (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-E14A-3	280-16501-2	soil	06/02/11			X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-16501-3 **LDC#:** 25661A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-E14-1	280-16501-1	soil	06/02/11			X				X						
EE-E14B-1	280-16501-4	soil	06/02/11			X				X						
EE-E14B-2	280-16501-5	soil	06/02/11			X				X						
EB-E14B-1	280-16501-6	water	06/02/11			X				X						
EE-E14C-1	280-16501-8	soil	06/02/11				X	X		X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-16751-1 **LDC#:** 25706A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
SP-E14A-1A	280-16751-1	soil	06/06/11	X												
SP-E14A-1C	280-16751-2	soil	06/06/11	X												
SP-E14A-1B	280-16751-3	soil	06/06/11	X												
SP-E14A-1D	280-16751-4	soil	06/06/11	X												
SP-E14A-2A	280-16751-5	soil	06/06/11	X												
SP-E14A-2B	280-16751-6	soil	06/06/11	X												
SP-E14A-2C	280-16751-7	soil	06/06/11	X												
SP-E14A-2D	280-16751-8	soil	06/06/11	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17185-1 **LDC#:** 25757A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-C11-1	280-17185-3	soil	06/20/11						X							
CS-C15-1	280-17185-5	soil	06/20/11				X		X	X	X					
DS-D11B-1	280-17185-8	soil	06/20/11						X							
CS-D17B-2	280-17185-10	soil	06/20/11						X							
CS-D24-2	280-17185-13	soil	06/20/11							X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17185-2 **LDC#:** 25757B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-CO9A-2	280-17185-1	soil	06/20/11						X							
EE-CO9A-3	280-17185-2	soil	06/20/11						X							
EE-C13-1	280-17185-4	soil	06/20/11				X		X	X	X					
EE-C15-1	280-17185-6	soil	06/20/11				X		X	X	X					
EE-C15-2	280-17185-7	soil	06/20/11				X		X	X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17185-3 **LDC#:** 25778A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EB-C15-1	280-17185-9	water	06/20/11						X		X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17185-4 **LDC#:** 25757C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-D24-3	280-17185-14	soil	06/20/11							X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17228-1 **LDC#:** 25757D

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-C42-2	280-17228-1	soil	06/21/11						X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17365-1/G1F250425 **LDC#:** 25778B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-C24-1	280-17365-1	soil	06/23/11				X		X	X						
CS-C26-1	280-17365-2	soil	06/23/11				X		X	X	X					
CS-C22A-1	280-17365-3	soil	06/23/11							X	X	X			X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17578-1 **LDC#:** 25822A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-D23-1	280-17578-1	soil	06/30/11			X				X	X					
CS-D23-2	280-17578-2	soil	06/30/11			X				X	X					
CS-D23-3	280-17578-3	soil	06/30/11			X				X	X					
CS-D23-4	280-17578-4	soil	06/30/11			X				X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17578-2 **LDC#:** 25822B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-D25-2	280-17578-5	soil	06/30/11							X						
CS-C25-1	280-17578-6	soil	06/30/11			X	X			X	X					
EE-C24-2	280-17578-7	soil	06/30/11			X	X			X	X					

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17578-3 **LDC#:** 25882A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-C25-1	280-17578-6	soil	06/30/11				X									
EE-C24-2	280-17578-7	soil	06/30/11				X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-17907-1 **LDC#:** 25882C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	TCLP VOA (8260B)	TCLP SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	Cr (6020)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-GWL-1	280-17907-1	soil	07/11/11								X				X	
CS-GWL-2	280-17907-2	soil	07/11/11								X				X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18231-1 **LDC#:** 25926A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest (8081A)	PCBs (8082)	Sulfur (6010B)	React. CN- (7.3.3)	React. S= (7.3.4)								
DS-D14-1	280-18231-1	soil	07/19/11	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18231-2 **LDC#:** 25926B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest (8081A)	PCBs (8082)	Sulfur (6010B)	React. CN- (7.3.3)	React. S= (7.3.4)								
CS-E11-3	280-18231-2	soil	07/19/11	X												

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18328-1 **LDC#:** 25926C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	HCB (8081A)	PCBs (8082)	Mn (6010B)	As, Pb (6020)	React. CN- (7.3.3)	React. S= (7.3.4)							
CS-E14C-2	280-18328-1	soil	07/21/11	X		X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18594-1 **LDC#:** 25995A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	Pest (8081A)	Metals (6010B)									
CS-C10B-1	280-18594-1	soil	07/28/11	X	X	X	X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-18595-1 **LDC#:** 26010A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8270C)	Pest (8081A)	Mn (6010B)	As, Pb (6020)								
DS-E14C-1	280-18595-1	soil	07/28/11		X		X	X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: 280-19786-1 **LDC#:** 26219C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	HCB & Pest (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg, Co (6010B)	CLO_4 (314.0)						
CS-D31A-1	280-19786-1	soil	08/31/11	X	X			X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1B110461 **LDC#:** 26468E

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn (6020)	Mg (6020)	CLO_4 (314.0)				
SSAK2-02-0.0_01_BPC	G1B110461-001	soil	02/09/11					X								
SSAJ2-07-2.0_01_BPC	G1B110461-002	soil	02/09/11					X								
SSAQ6-02-0.3_01_BPC	G1B110461-003	soil	02/09/11					X								
SSAQ6-02-0.3_01_BPC_FD	G1B110461-004	soil	02/09/11					X								
SSAO5-08-3.0_01_BPC	G1B110461-005	soil	02/09/11					X								
SSAO6-06-1.0_01_BPC	G1B110461-006	soil	02/09/11					X								
EB-02092011-SSAO6	G1B110461-007	water	02/09/11					X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1B120441 **LDC#:** 26468D

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn (6020)	Mg (6020)	CLO_4 (314.0)				
SSAI3-08-10.0_01_BPC	G1B120441-001	soil	02/11/11					X								
SSAJ3-10-0.0_01_BPC	G1B120441-002	soil	02/11/11					X								
SSAO5-09-0.0_01_BPC	G1B120441-003	soil	02/11/11					X								
SSAO5-09-0.0_01_BPC_FD	G1B120441-004	soil	02/11/11					X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D150604 **LDC#:** 25490A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	Pest (8081A)	HCB (8081A)	Mg (6010B)	As Pb (6020)	Dioxins (8290)							
DS-C39B-1	G1D150604-001	soil	04/14/11						X							
DS-D27-1	G1D150604-002	soil	04/14/11						X							
DS-D27-2	G1D150604-003	soil	04/14/11						X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D150605 **LDC#:** 25490B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	SVOA (8270C-SIM)	Pest (8081A)	HCB (8081A)	Mg (6010B)	As Pb (6020)	Dioxins (8290)	CLO_4 (314.0)						
DS-E16-1	G1D150605-001	soil	04/14/11						X	X						
CS-C06-1	G1D150605-002	soil	04/13/11						X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D210492 **LDC#:** 25490C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	(5) Metals (SW846)	As Pb (6020)	Dioxins (8290)	CLO_4 (314.0)						
DS-C19-1	G1D210492-001	soil	04/20/11	X			X		X							
DS-C10A-1	G1D210492-002	soil	04/20/11				X		X	X						
DS-C10-1	G1D210492-003	soil	04/20/11				X		X	X						
DS-C25-1	G1D210492-004	soil	04/20/11	X			X		X							
DS-C23-1	G1D210492-005	soil	04/20/11	X			X		X	X						
DS-C09A-1	G1D210492-006	soil	04/20/11				X		X							
DS-C11-1	G1D210492-007	soil	04/20/11				X		X							
DS-C08-1	G1D210492-008	soil	04/20/11				X		X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D220435 **LDC#:** 25490E

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals (SW846)	As (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)	
DS-D23-1	G1D220435-001	soil	04/20/11							X			X			
DS-DC-1	G1D220435-002	soil	04/20/11			X				X			X	X		
DS-DB-1	G1D220435-003	soil	04/20/11			X				X			X	X		
DS-DB-2	G1D220435-004	soil	04/20/11			X				X			X	X		
CS-C01-1	G1D220435-005	soil	04/20/11								X	X				
CS-C01-2	G1D220435-006	soil	04/20/11								X	X				
EE-C01-1	G1D220435-007	soil	04/20/11								X	X				
CS-C08-2	G1D220435-008	soil	04/20/11								X		X			
CS-C07B-1	G1D220435-009	soil	04/20/11								X	X	X			
CS-C05A-1	G1D220435-010	soil	04/20/11									X	X			
CS-C07B-2	G1D220435-011	soil	04/20/11								X	X	X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D260453 **LDC#:** 25490D

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals (SW846)	As Pb (6020)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)		
DS-E14A-1	G1D260453-001	soil	04/25/11	X	X		X		X			X		X		
DS-E14A-2	G1D260453-002	soil	04/25/11	X	X		X		X			X		X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1D280608 **LDC#:** 25490F

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals SW846	As (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)
DS-D06A-1	G1D280608-001	soil	04/28/11		X						X			X	X	
CS-C09A-1	G1D280608-002	soil	04/28/11			X								X		
CS-C08-1	G1D280608-003	soil	04/28/11			X						X		X		
CS-C07A-1	G1D280608-004	soil	04/28/11			X						X		X		
EB-C07A-1	G1D280608-005	water	04/28/11			X						X		X		

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E040615 **LDC#:** 25490G

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals SW846	As (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	Dioxins (8280A)
CS-DC-1	G1E040615-001	soil	05/03/11		X		X				X				X	X
CS-DC-2	G1E040615-002	soil	05/03/11		X		X				X				X	X
CS-DC-3	G1E040615-003	soil	05/03/11		X		X				X				X	X
DS-C18-1	G1E040615-004	soil	05/04/11			X						X	X	X	X	
DS-C18-2	G1E040615-005	soil	05/04/11			X						X	X	X	X	
DS-C17-1	G1E040615-006	soil	05/04/11			X						X	X		X	X
DS-C24-1	G1E040615-007	soil	05/04/11		X		X					X	X			
DS-C24-2	G1E040615-008	soil	05/04/11		X		X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E050547 **LDC#:** 25490H

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals SW846	As (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)
CS-C30-1	G1E050547-001	soil	05/04/11											X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E050552 **LDC#:** 25490I

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals SW846	As,Pb (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)
EE-E08A-1	G1E050552-001	soil	05/04/11					X				X			X	
CS-E08B-1	G1E050552-002	soil	05/04/11					X				X		X	X	
CS-E11-1	G1E050552-003	soil	05/04/11					X				X			X	
CS-E11-2	G1E050552-004	soil	05/04/11					X				X		X	X	
CS-E08A-1	G1E050552-005	soil	05/04/11					X				X		X	X	
EE-E09-1	G1E050552-006	soil	05/04/11					X				X		X	X	
EE-E08A-2	G1E050552-007	soil	05/04/11					X				X			X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E110471 **LDC#:** 25490J

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	Metals (SW846)	(5) Metals SW846	As,Pb (6020)	Mg (6010B)	Dioxins (8290)	CLO_4 (314.0)	pH (9045C)
DS-D06A-2	G1E110471-001	soil	05/10/11		X						X			X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E170481 **LDC#:** 25516A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg (6010B)	Mn (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-C10A-1	G1E170481-001	soil	05/17/11			X				X	X		X		X	
EE-C18-1	G1E170481-002	soil	05/17/11			X	X			X	X	X		X		
EE-C25-1	G1E170481-003	soil	05/17/11			X	X			X		X				
CS-D02-1	G1E170481-004	soil	05/17/11			X				X			X		X	
EE-D02-1	G1E170481-005	soil	05/17/11			X				X				X	X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E170482 **LDC#:** 25516B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg (6010B)	Mn (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-B21-1	G1E170482-001	soil	05/17/11			X				X					X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E180549 **LDC#:** 25561A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mg (6010B)	Mn (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-E14A-1	G1E180549-001	soil	05/18/11	X		X				X	X			X		
CS-E14A-2	G1E180549-002	soil	05/18/11	X		X				X	X		X			
EE-E14A-1	G1E180549-003	soil	05/18/11	X		X				X	X		X			
EB-E14A-2	G1E180549-004	water	05/18/11			X				X	X		X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1E180550 **LDC#:** 25561B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Co (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-C44-1	G1E180550-001	soil	05/18/11			X				X	X	X	X			
EE-D25A-1	G1E180550-002	soil	05/18/11							X			X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F030418 **LDC#:** 25663A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
EE-E14-1	G1F030418-001	soil	06/02/11											X	X	
CS-E14A-3	G1F030418-002	soil	06/02/11										X			
CS-E14B-1	G1F030418-003	soil	06/02/11										X		X	
EE-E14B-1	G1F030418-004	soil	06/02/11												X	
EE-E14B-2	G1F030418-005	soil	06/02/11												X	
EB-E14B-1	G1F030418-006	water	06/02/11										X		X	
CS-E14C-1	G1F030418-007	soil	06/02/11										X		X	
EE-E14C-1	G1F030418-008	soil	06/02/11										X		X	

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F030428 **LDC#:** 25663B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	SVOA (8270C)	HCB (8270C)	PAHs (8270C-SIM)	Pest (8081A)	HCB (8081A)	As (6020)	Mn (6010B)	Pb (6010B)	Dioxins (8290)	Dioxins (8280A)	CLO_4 (314.0)	pH (9045C)
CS-DC-4	G1F030428	soil	06/02/11										X			

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F080418 **LDC#:** 26054A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8270C)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-C42-1	G1F080418-001	soil	06/07/11		X	X		X		X						
CS-DA-1	G1F080418-002	soil	06/07/11		X		X		X							
CS-DB-2	G1F080418-003	soil	06/07/11		X		X		X							
CS-D08-1	G1F080418-004	soil	06/07/11		X		X		X							
CS-D10-1	G1F080418-005	soil	06/07/11		X		X		X							
CS-D10A-1	G1F080418-006	soil	06/07/11		X		X		X							
CS-D10B-1	G1F080418-007	soil	06/07/11		X		X		X							
EE-DB-1	G1F080418-008	soil	06/07/11		X		X		X							
EE-DB-2	G1F080418-009	soil	06/07/11		X		X		X							
EE-D10-1	G1F080418-010	soil	06/07/11		X		X		X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F080478 **LDC#:** 26054B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8270C)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-D24-1	G1F080478-001	soil	06/08/11					X								
CS-D25-1	G1F080478-002	soil	06/08/11				X	X								
CS-D25-2	G1F080478-003	soil	06/08/11				X	X								
EE-D25-1	G1F080478-004	soil	06/08/11					X								

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F090500 **LDC#:** 26054C

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8270C)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-DB-1	G1F090500-001	soil	06/09/11		X		X		X							
CS-DB-3	G1F090500-002	soil	06/09/11		X		X		X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F150410 **LDC#:** 26054D

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8270C)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-D17B-1	G1F150410-001	soil	06/14/11		X	X										

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F160485 **LDC#:** 26054E

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	PAH (8270C-SIM)	Dioxin (8280A)	Dioxin (8290)	As, Pb (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-C23-1	G1F160485-001	soil	06/16/11					X	X	X						
CS-C27-1	G1F160485-002	soil	06/16/11					X	X	X						
CS-C27-2	G1F160485-003	soil	06/16/11					X	X	X						
CS-C27-3	G1F160485-004	soil	06/16/11					X	X	X						
EE-C20-1	G1F160485-005	soil	06/16/11					X	X	X						
EE-C21-1	G1F160485-006	soil	06/16/11		X			A	X	X						
EE-C21-2	G1F160485-007	soil	06/16/11		X			A	X	X						
EE-C23-1	G1F160485-008	soil	06/16/11					X	X	X						
EE-C27-1	G1F160485-009	soil	06/16/11					X	X	X						
EE-C27-2	G1F160485-010	soil	06/16/11					X	X	X						
EE-C27-3	G1F160485-011	soil	06/16/11					X	X	X						
EE-C27-4	G1F160485-012	soil	06/16/11					X	X	X						
EB-C27-1	G1F160485-013	water	06/16/11		X			X	X	X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1F200452 **LDC#:** 26077B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	PAHs (8270C-SIM)	Dioxin (8280A)	Dioxin (8290)	As, Pb (6020)	Mg (6010B)	CLO_4 (314.0)						
EE-C09A-2	G1G200452-001	soil	06/20/11				X									
EE-C09A-3	G1G200452-002	soil	06/20/11				X									
CS-C11-1	G1G200452-003	soil	06/20/11				X									
CS-C15-1	G1G200452-004	soil	06/20/11				X			X						
DS-D11B-1	G1G200452-005	soil	06/20/11				X									
EB-C15-1	G1G200452-006	water	06/20/11				X									
CS-D24-2	G1G200452-007	soil	06/20/11				X									
CS-524-3	G1G200452-008	soil	06/20/11				X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1G010412 **LDC#:** 26054F

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	PAH (8270C-SIM)	Dioxin (8280A)	Dioxin (8290)	As, Pb (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-D23-1	G1G010412-001	soil	06/30/11				X									
CS-D23-2	G1G010412-002	soil	06/30/11				X									
CS-D23-3	G1G010412-003	soil	06/30/11				X									
CS-D23-4	G1G010412-004	soil	06/30/11				X									
EE-D25-2	G1G010412-005	soil	06/30/11				X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1G200427 **LDC#:** 26077A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	PAHs (8270C-SIM)	Dioxin (8280A)	Dioxin (8290)	As, Pb (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-E11-3	G1G200427-001	soil	07/19/11				X			X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1G290418 **LDC#:** 26061A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	PAHs (8270C-SIM)	Dioxin (8280A)	Dioxin (8290)	As, Pb (6020)	Mg (6010B)	CLO_4 (314.0)						
CS-C10B-1	G1G290418-001	soil	07/28/11		X		X			X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1H040461 **LDC#:** 26092A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn, Co (6010B)	CLO_4 (314.0)						
EB-D25A-1	G1H040461-001	water	08/03/11				X	X								
EB-C45-1	G1H040461-002	water	08/03/11		X			X	X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1H050420 **LDC#:** 26092B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mn, Co (6010B)	CLO_4 (314.0)						
CS-D25A-1	G1H050420-001	soil	08/03/11				X	X								
CS-D25A-2	G1H050420-002	soil	08/03/11				X	X								
CS-D25A-3	G1H050420-003	soil	08/03/11				X	X								
EE-D25A-2	G1H050420-004	soil	08/03/11					X								
EE-D25A-3	G1H050420-005	soil	08/03/11					X								
DS-C45-3	G1H050420-006	soil	08/03/11		X			X	X							
DS-C45-2	G1H050420-007	soil	08/03/11		X			X	X							
DS-C45-1	G1H050420-008	soil	08/03/11		X			X	X							

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1I010458 **LDC#:** 26219A

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg, Co (6010B)	CLO_4 (314.0)						
DS-E14C-2	G1I010458-001	soil	08/31/11				X									

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

SDG#: G1I010460 **LDC#:** 26219B

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	VOA (8260B)	HCB (8081A)	Dioxin (8280A)	Dioxin (8290)	As (6020)	Mg, Co (6010B)	CLO_4 (314.0)						
CS-D31A-1	G1I010460-001	soil	08/31/11				X			X						

Shaded cells indicate samples underwent Stage 4 validation (all other cells are Stage 2B validation)
X = Validation was performed

TABLE II

Table II. Qualification Codes and Definitions

Reason Code	Explanation
a	qualified due to low abundance (radiochemical activity)
be	qualified due to equipment blank contamination
bf	qualified due to field blank contamination
bl	qualified due to lab blank contamination
bt	qualified due to trip blank contamination
bp	qualified due to pump blank contamination (wells w/o dedicated pumps, when contamination is detected in the Pump Blk)
br	qualified due to filter blank contamination (aqueous Hexavalent Chromium and Dissolved sample fractions)
c	qualified due to calibration problems
cp	qualified due to insufficient ingrowth (radiochemical only)
dc	duel column confirmation %D exceeded
e	concentration exceeded the calibration range
fd	qualified due to field duplicate imprecision
h	qualified due to holding time exceedance
i	qualified due to internal standard areas
k	qualified as Estimated Maximum Possible Concentrations (dioxins and PCB congeners)
l	qualified due to LCS recoveries
ld	qualified due to lab duplicate imprecision (matrix duplicate, MSD, LCSD)
m	qualified due to matrix spike recoveries
nb	qualified due to negative lab blank contamination (nondetect results only)
o	other
p	qualified as a false positive due to contamination during shipping
pH	sample preservation not within acceptance range
q	qualified due to quantitation problem
s	qualified due to surrogate recoveries
sd	serial dilution did not meet control criteria
sp	detected value reported >SQL <PQL
st	sample receipt temperature exceeded
t	qualified due to elevated helium tracer concentrations
vh	volatile headspace detected in aqueous sample containers submitted for VOC analysis
x	qualified due to low % solids
z	qualified due to ICS results

TABLE III

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
280-18594-1	CS-C10B-1	SW8260B	75-09-2	METHYLENE CHLORIDE	1.7	JB	ug/kg	J	bl
G1E180549	CS-E14A-1	SW8260B	123-91-1	1,4-DIOXANE	42	U	ug/kg	UJ	c
G1E180549	CS-E14A-1	SW8260B	75-65-0	T-BUTANOL	32	U	ug/kg	UJ	c
G1E180549	CS-E14A-2	SW8260B	630-20-6	1,1,1,2-TETRACHLOROETHANE	0.43	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	71-55-6	1,1,1-TRICHLOROETHANE	0.38	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.72	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	79-00-5	1,1,2-TRICHLOROETHANE	0.47	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-34-3	1,1-DICHLOROETHANE	0.31	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-35-4	1,1-DICHLOROETHENE	0.27	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	563-58-6	1,1-DICHLOROPROPENE	0.39	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	87-61-6	1,2,3-TRICHLOROBENZENE	0.79	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	96-18-4	1,2,3-TRICHLOROPROPANE	0.80	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	120-82-1	1,2,4-TRICHLOROBENZENE	0.79	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	95-63-6	1,2,4-TRIMETHYLBENZENE	0.54	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	0.93	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	106-93-4	1,2-DIBROMOETHANE	0.29	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	95-50-1	1,2-DICHLOROBENZENE	0.68	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	107-06-2	1,2-DICHLOROETHANE	0.77	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	78-87-5	1,2-DICHLOROPROPANE	0.63	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	108-67-8	1,3,5-TRIMETHYLBENZENE	0.37	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	541-73-1	1,3-DICHLOROBENZENE	0.32	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	142-28-9	1,3-DICHLOROPROPANE	0.60	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	106-46-7	1,4-DICHLOROBENZENE	0.82	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	123-91-1	1,4-DIOXANE	41	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	594-20-7	2,2-DICHLOROPROPANE	0.40	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	78-93-3	2-BUTANONE (MEK)	1.5	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	95-49-8	2-CHLOROTOLUENE	0.66	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	591-78-6	2-HEXANONE	1.1	J	ug/kg	J	i
G1E180549	CS-E14A-2	SW8260B	106-43-4	4-CHLOROTOLUENE	0.91	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	108-10-1	4-METHYL-2-PENTANONE (MIBK)	0.97	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	67-64-1	ACETONE	11	J	ug/kg	J	i
G1E180549	CS-E14A-2	SW8260B	71-43-2	BENZENE	0.27	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	108-86-1	BROMOBENZENE	0.55	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	74-97-5	BROMOCHLOROMETHANE	0.99	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-27-4	BROMODICHLOROMETHANE	0.56	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-25-2	BROMOFORM	0.42	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	74-83-9	BROMOMETHANE	0.91	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	56-23-5	CARBON TETRACHLORIDE	0.56	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	108-90-7	CHLOROBENZENE	0.31	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-00-3	CHLOROETHANE	0.48	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	67-66-3	CHLOROFORM	0.27	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	74-87-3	CHLOROMETHANE	0.53	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	156-59-2	CIS-1,2-DICHLOROETHENE	0.94	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.68	U	ug/kg	UJ	i

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E180549	CS-E14A-2	SW8260B	124-48-1	DIBROMOCHLOROMETHANE	0.22	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	74-95-3	DIBROMOMETHANE	0.61	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-71-8	DICHLORODIFLUOROMETHANE	0.94	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	108-20-3	DIISOPROPYL ETHER	5.3	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	87-68-3	HEXACHLOROBUTADIENE	0.77	J	ug/kg	J	i
G1E180549	CS-E14A-2	SW8260B	98-82-8	ISOPROPYLBENZENE	0.55	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	0.63	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-09-2	METHYLENE CHLORIDE	0.89	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	M/P-XYLENE	M-XYLENE & P-XYLENE	0.86	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	91-20-3	NAPHTHALENE	0.67	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	104-51-8	N-BUTYLBENZENE	0.70	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	103-65-1	N-PROPYLBENZENE	0.31	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	95-47-6	O-XYLENE	0.42	J	ug/kg	J	i
G1E180549	CS-E14A-2	SW8260B	99-87-6	P-ISOPROPYLTOLUENE	0.67	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	135-98-8	SEC-BUTYLBENZENE	0.79	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	100-42-5	STYRENE	0.33	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-65-0	T-BUTANOL	32	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	994-05-8	TERT-AMYL METHYL ETHER	5.3	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	637-92-3	TERT-BUTYL ETHYL ETHER	5.3	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	98-06-6	TERT-BUTYLBENZENE	0.57	U	ug/kg	UJ	c,i
G1E180549	CS-E14A-2	SW8260B	127-18-4	TETRACHLOROETHENE	0.65	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	108-88-3	TOLUENE	0.65	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	156-60-5	TRANS-1,2-DICHLOROETHENE	0.40	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.79	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	79-01-6	TRICHLOROETHENE	0.63	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-69-4	TRICHLOROFLUOROMETHANE (FREON 11)	0.36	U	ug/kg	UJ	i
G1E180549	CS-E14A-2	SW8260B	75-01-4	VINYL CHLORIDE	0.38	U	ug/kg	UJ	i
G1E180549	EE-E14A-1	SW8260B	630-20-6	1,1,1,2-TETRACHLOROETHANE	0.43	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	71-55-6	1,1,1-TRICHLOROETHANE	0.38	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	79-34-5	1,1,2,2-TETRACHLOROETHANE	0.71	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	79-00-5	1,1,2-TRICHLOROETHANE	0.46	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-34-3	1,1-DICHLOROETHANE	0.30	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-35-4	1,1-DICHLOROETHENE	0.27	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	563-58-6	1,1-DICHLOROPROPENE	0.39	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	87-61-6	1,2,3-TRICHLOROBENZENE	0.78	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	96-18-4	1,2,3-TRICHLOROPROPANE	0.80	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	120-82-1	1,2,4-TRICHLOROBENZENE	1.5	J	ug/kg	J-	i,s
G1E180549	EE-E14A-1	SW8260B	95-63-6	1,2,4-TRIMETHYLBENZENE	0.53	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	0.92	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	106-93-4	1,2-DIBROMOETHANE	0.28	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	95-50-1	1,2-DICHLOROBENZENE	0.67	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	107-06-2	1,2-DICHLOROETHANE	0.76	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	78-87-5	1,2-DICHLOROPROPANE	0.63	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	108-67-8	1,3,5-TRIMETHYLBENZENE	0.37	U	ug/kg	UJ	c,i,s

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E180549	EE-E14A-1	SW8260B	541-73-1	1,3-DICHLOROBENZENE	0.31	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	142-28-9	1,3-DICHLOROPROPANE	0.60	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	106-46-7	1,4-DICHLOROBENZENE	0.82	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	123-91-1	1,4-DIOXANE	41	U	ug/kg	UJ	c,s
G1E180549	EE-E14A-1	SW8260B	594-20-7	2,2-DICHLOROPROPANE	0.40	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	78-93-3	2-BUTANONE (MEK)	1.5	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	95-49-8	2-CHLOROTOLUENE	0.65	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	591-78-6	2-HEXANONE	0.77	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	106-43-4	4-CHLOROTOLUENE	0.90	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	108-10-1	4-METHYL-2-PENTANONE (MIBK)	0.96	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	67-64-1	ACETONE	1.5	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	71-43-2	BENZENE	0.27	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	108-86-1	BROMOBENZENE	0.54	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	74-97-5	BROMOCHLOROMETHANE	0.98	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-27-4	BROMODICHLOROMETHANE	0.55	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-25-2	BROMOFORM	0.42	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	74-83-9	BROMOMETHANE	0.90	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	56-23-5	CARBON TETRACHLORIDE	0.55	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	108-90-7	CHLOROBENZENE	0.30	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-00-3	CHLOROETHANE	0.47	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	67-66-3	CHLOROFORM	0.27	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	74-87-3	CHLOROMETHANE	0.52	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	156-59-2	CIS-1,2-DICHLOROETHENE	0.93	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	10061-01-5	CIS-1,3-DICHLOROPROPENE	0.67	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	124-48-1	DIBROMOCHLOROMETHANE	0.22	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	74-95-3	DIBROMOMETHANE	0.61	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-71-8	DICHLORODIFLUOROMETHANE	0.93	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	108-20-3	DIISOPROPYL ETHER	5.2	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	87-68-3	HEXACHLOROBUTADIENE	2.2	J	ug/kg	J-	i,s
G1E180549	EE-E14A-1	SW8260B	98-82-8	ISOPROPYLBENZENE	0.54	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	1634-04-4	METHYL TERT-BUTYL ETHER (MTBE)	0.63	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-09-2	METHYLENE CHLORIDE	0.88	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	M/P-XYLENE	M-XYLENE & P-XYLENE	0.85	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	91-20-3	NAPHTHALENE	0.66	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	104-51-8	N-BUTYLBENZENE	0.69	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	103-65-1	N-PROPYLBENZENE	0.30	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	95-47-6	O-XYLENE	0.35	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	99-87-6	P-ISOPROPYLTOLUENE	0.66	U	ug/kg	UJ	i,s
G1E180549	EE-E14A-1	SW8260B	135-98-8	SEC-BUTYLBENZENE	0.78	U	ug/kg	UJ	c,i,s
G1E180549	EE-E14A-1	SW8260B	100-42-5	STYRENE	0.32	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-65-0	T-BUTANOL	31	U	ug/kg	UJ	c,s
G1E180549	EE-E14A-1	SW8260B	994-05-8	TERT-AMYL METHYL ETHER	5.2	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	637-92-3	TERT-BUTYL ETHYL ETHER	5.2	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	98-06-6	TERT-BUTYLBENZENE	0.57	U	ug/kg	UJ	c,i,s

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E180549	EE-E14A-1	SW8260B	127-18-4	TETRACHLOROETHENE	0.64	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	108-88-3	TOLUENE	0.64	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	156-60-5	TRANS-1,2-DICHLOROETHENE	0.40	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	10061-02-6	TRANS-1,3-DICHLOROPROPENE	0.78	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	79-01-6	TRICHLOROETHENE	0.63	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-69-4	TRICHLOROFLUOROMETHANE (FREON 11)	0.36	U	ug/kg	UJ	s
G1E180549	EE-E14A-1	SW8260B	75-01-4	VINYL CHLORIDE	0.38	U	ug/kg	UJ	s
280-12420-1	SSAQ6-02-0.3_01_BPC	SW8270C	205-99-2	Benzo[b]fluoranthene	850		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC	SW8270C	218-01-9	Chrysene	470		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC	SW8270C	206-44-0	Fluoranthene	760		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC	SW8270C	129-00-0	Pyrene	590		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC FD	SW8270C	205-99-2	Benzo[b]fluoranthene	1600		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC FD	SW8270C	218-01-9	Chrysene	950		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC FD	SW8270C	206-44-0	Fluoranthene	1700		ug/kg	J	fd
280-12420-1	SSAQ6-02-0.3_01_BPC FD	SW8270C	129-00-0	Pyrene	1300		ug/kg	J	fd
280-12451-1	SSAO5-09-0.0_01_BPC	SW8270C	205-99-2	Benzo[b]fluoranthene	42	JK	ug/kg	J	q
280-12451-1	SSAO5-09-0.0_01_BPC	SW8270C	207-08-9	Benzo[k]fluoranthene	45	U	ug/kg	UJ	q
280-12451-1	SSAO5-09-0.0_01_BPC FD	SW8270C	205-99-2	Benzo[b]fluoranthene	43	JK	ug/kg	J	q
280-12451-1	SSAO5-09-0.0_01_BPC FD	SW8270C	207-08-9	Benzo[k]fluoranthene	46	U	ug/kg	UJ	q
280-16501-3	EE-E14B-1	SW8270C	118-74-1	Hexachlorobenzene	33000		ug/kg	J	fd
280-16501-3	EE-E14B-2	SW8270C	118-74-1	Hexachlorobenzene	11000		ug/kg	J-	s,fd
G1E040615	DS-C24-1	SW8270C	85-68-7	Butyl Benzyl Phthalate	15000	Q	ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C	50-32-8	Benzo(a)pyrene	870		ug/kg	J	i
G1E040615	DS-C24-2	SW8270C	205-99-2	Benzo(b)flouranthene	check		ug/kg	J	i
G1E040615	DS-C24-2	SW8270C	191-24-2	Benzo(ghi)perylene	790		ug/kg	J	i
G1E040615	DS-C24-2	SW8270C	207-08-9	Benzo(k)fluoranthene	1400		ug/kg	J	i
G1E040615	DS-C24-2	SW8270C	85-68-7	Butyl Benzyl Phthalate	98	U	ug/kg	UJ	fd
G1E040615	DS-C24-2	SW8270C	53-70-3	Dibenzo(a,h)anthracene	200	J	ug/kg	J	i
G1E040615	DS-C24-2	SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	870		ug/kg	J	i
280-14718-1	DS-E16-1	SW8270C SIM	205-99-2	Benzo[b]fluoranthene	85000	K	ng/kg	J	q
280-14718-1	DS-E16-1	SW8270C SIM	207-08-9	Benzo[k]fluoranthene	150	U K	ng/kg	UJ	q
280-17578-2	EE-C24-2	SW8270C SIM	205-99-2	Benzo[b]fluoranthene	140	JK	ug/kg	J	q
280-17578-2	EE-C24-2	SW8270C SIM	207-08-9	Benzo[k]fluoranthene	40	UK	ug/kg	UJ	q
G1E040615	DS-C24-1	SW8270C SIM	56-55-3	Benzo(a)anthracene	360		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	50-32-8	Benzo(a)pyrene	460		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	205-99-2	Benzo(b)fluoranthene	900		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	191-24-2	Benzo(ghi)perylene	500		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	207-08-9	Benzo(k)fluoranthene	620		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	218-01-9	Chrysene	740		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	206-44-0	Fluoranthene	710		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	193-39-5	Indeno(1,2,3-cd)pyrene	450		ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	85-01-8	Phenanthrene	180	J	ug/kg	J	fd
G1E040615	DS-C24-1	SW8270C SIM	129-00-0	Pyrene	720		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	56-55-3	Benzo(a)anthracene	900		ug/kg	J	fd

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E040615	DS-C24-2	SW8270C SIM	50-32-8	Benzo(a)pyrene	930		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	205-99-2	Benzo(b)fluoranthene	1500		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	191-24-2	Benzo(ghi)perylene	780		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	207-08-9	Benzo(k)fluoranthene	1100		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	218-01-9	Chrysene	1400		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	206-44-0	Fluoranthene	1600		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	193-39-5	Indeno(1,2,3-cd)pyrene	710		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	85-01-8	Phenanthrene	590		ug/kg	J	fd
G1E040615	DS-C24-2	SW8270C SIM	129-00-0	Pyrene	1700		ug/kg	J	fd
280-14716-1	DS-C39B-1	SW8081A	72-55-9	4,4'-DDE	14		ug/kg	J+	s
280-14716-1	DS-C39B-1	SW8081A	319-85-7	beta-BHC	27		ug/kg	J+	s
280-14716-1	DS-D27-1	SW8081A	72-54-8	4,4'-DDD	2.7	J P	ug/kg	J+	s
280-14716-1	DS-D27-1	SW8081A	72-55-9	4,4'-DDE	81		ug/kg	J+	s
280-14716-1	DS-D27-1	SW8081A	50-29-3	4,4'-DDT	14		ug/kg	J	s
280-14716-1	DS-D27-1	SW8081A	309-00-2	Aldrin	0.25	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	319-84-6	alpha-BHC	0.80	J	ug/kg	J	s
280-14716-1	DS-D27-1	SW8081A	5103-71-9	alpha-Chlordane	0.32	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	319-85-7	beta-BHC	59		ug/kg	J+	s
280-14716-1	DS-D27-1	SW8081A	57-74-9	Chlordane (technical)	0.21	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	319-86-8	delta-BHC	0.39	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	60-57-1	Dieldrin	0.21	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	959-98-8	Endosulfan I	0.17	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	33213-65-9	Endosulfan II	0.28	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	1031-07-8	Endosulfan sulfate	0.27	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	72-20-8	Endrin	0.70	J P	ug/kg	J	s
280-14716-1	DS-D27-1	SW8081A	7421-93-4	Endrin aldehyde	0.17	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	53494-70-5	Endrin ketone	0.48	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	58-89-9	gamma-BHC (Lindane)	0.46	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	5103-74-2	gamma-Chlordane	0.26	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	76-44-8	Heptachlor	0.21	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	1024-57-3	Heptachlor epoxide	0.42	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	118-74-1	Hexachlorobenzene	74		ug/kg	J+	s
280-14716-1	DS-D27-1	SW8081A	72-43-5	Methoxychlor	0.44	U	ug/kg	UJ	s
280-14716-1	DS-D27-1	SW8081A	8001-35-2	Toxaphene	16	U	ug/kg	UJ	s
280-14716-1	DS-D27-2	SW8081A	72-54-8	4,4'-DDD	1.4	J	ug/kg	J+	s
280-14716-1	DS-D27-2	SW8081A	72-55-9	4,4'-DDE	85		ug/kg	J+	s
280-14716-1	DS-D27-2	SW8081A	50-29-3	4,4'-DDT	10		ug/kg	J+	s
280-14716-1	DS-D27-2	SW8081A	319-84-6	alpha-BHC	0.24	J P ^	ug/kg	J+	s
280-14716-1	DS-D27-2	SW8081A	319-85-7	beta-BHC	28		ug/kg	J+	s
280-14716-1	DS-D27-2	SW8081A	118-74-1	Hexachlorobenzene	78		ug/kg	J+	s
280-14718-1	DS-E16-1	SW8081A	72-54-8	4,4'-DDD	0.66	J P	ug/kg	J+	s
280-14718-1	DS-E16-1	SW8081A	72-55-9	4,4'-DDE	12	P	ug/kg	J+	s
280-14718-1	DS-E16-1	SW8081A	309-00-2	Aldrin	6.1	P	ug/kg	J+	s
280-14718-1	DS-E16-1	SW8081A	319-84-6	alpha-BHC	13	P	ug/kg	J+	s

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
280-14718-1	DS-E16-1	SW8081A	959-98-8	Endosulfan I	5.3	P	ug/kg	J+	s
280-14718-1	DS-E16-1	SW8081A	58-89-9	gamma-BHC (Lindane)	3.4		ug/kg	J+	s
280-14924-1	CS-C05A-1	SW8081A	118-74-1	Hexachlorobenzene	0.48	J B	ug/kg	J	bl
280-14924-1	DS-DB-2	SW8081A	118-74-1	Hexachlorobenzene	11	B	ug/kg	J+	s
280-18231-1	DS-D14-1	SW8081A	8001-35-2	Toxaphene	6700	U*	ug/kg	UJ	c
280-18321-2	CS-E11-3	SW8081A	8001-35-2	Toxaphene	160	U*	ug/kg	UJ	c
280-18328-1	CS-E14C-2	SW8081A	118-74-1	Hexachlorobenzene	5.7		ug/kg	J	s
G1D260453	DS-E14A-1	SW8081A	319-84-6	alpha-BHC	1200	J Q	ug/kg	J	o
G1D260453	DS-E14A-1	SW8081A	72-43-5	Methoxychlor	1600	U	ug/kg	UJ	c
G1D260453	DS-E14A-2	SW8081A	72-43-5	Methoxychlor	2000	U	ug/kg	UJ	c
G1E050552	CS-E11-1	SW8081A	72-55-9	4,4'-DDE	110	U	ug/kg	UJ	c
G1E050552	CS-E11-1	SW8081A	309-00-2	Aldrin	110	U	ug/kg	UJ	c
G1E050552	CS-E11-1	SW8081A	319-84-6	alpha-BHC	450	J PG	ug/kg	J-	c
G1E050552	CS-E11-1	SW8081A	5103-71-9	alpha-Chlordane	100	U	ug/kg	UJ	c
G1E050552	CS-E11-1	SW8081A	57-74-9	Chlordane (technical)	680	U	ug/kg	UJ	c
G1E050552	CS-E11-1	SW8081A	5566-34-7	gamma-Chlordane	28	U	ug/kg	UJ	c
G1E040615	CS-DC-1	SW8280A	19408-74-3	1,2,3,7,8,9-HxCDD	0.099	J Q	ng/g	JK	k
G1E040615	CS-DC-2	SW8280A	72918-21-9	1,2,3,7,8,9-HxCDF	0.35	J Q	ng/g	JK	k
G1E040615	CS-DC-2	SW8280A	40321-76-4	1,2,3,7,8-PeCDD	0.11	J Q	ng/g	JK	k
G1E050547	CS-C30-1	SW8280A	39001-02-0	OCDF	68	E	ng/g	J	e
G1E170481	EE-C18-1	SW8280A	72918-21-9	1,2,3,7,8,9-HxCDF	4.7	J Q	ng/g	JK	k
G1E170481	EE-C18-1	SW8280A	40321-76-4	1,2,3,7,8-PeCDD	0.50	J Q	ng/g	JK	k
G1E170481	EE-D02-1	SW8280A	40321-76-4	1,2,3,7,8-PeCDD	0.59	J Q	ng/g	JK	k
G1F030418	EE-E14-1	SW8280A	39001-02-0	OCDF	530	E	ng/g	J	e
G1F080418	CS-C42-1	SW8280A	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.70	J	ng/g	J	i
G1F080418	CS-C42-1	SW8280A	67562-39-4	1,2,3,4,6,7,8-HpCDF	7.7		ng/g	J	i
G1F080418	CS-C42-1	SW8280A	39227-28-6	1,2,3,4,7,8-HxCDD	0.56	U	ng/g	UJ	i
G1F080418	CS-C42-1	SW8280A	57653-85-7	1,2,3,6,7,8-HxCDD	0.52	U	ng/g	UJ	i
G1F080418	CS-C42-1	SW8280A	19408-74-3	1,2,3,7,8,9-HxCDD	0.41	U	ng/g	UJ	i
G1F080418	CS-C42-1	SW8280A	57117-41-6	1,2,3,7,8-PeCDF	2.3	J	ng/g	J	i
G1F080418	CS-C42-1	SW8280A	57117-31-4	2,3,4,7,8-PeCDF	1.6	J	ng/g	J	i
G1F080418	CS-C42-1	SW8280A	51207-31-9	2,3,7,8-TCDF	2.8		ng/g	J	i
G1F080418	CS-C42-1	SW8280A	39001-02-0	OCDF	28		ng/g	J	i
G1B110461	EB-02092011-SSAO6	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	2.2	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	9.5	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	3.4	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.70	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	4.9	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.75	J Q B	pg/l	JK	bl,k
G1B110461	EB-02092011-SSAO6	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	2.8	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	1.1	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.88	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	57117-41-6	1,2,3,7,8-PeCDF	2.2	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.99	J B	pg/l	J	bl

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1B110461	EB-02092011-SSAO6	SW8290	57117-31-4	2,3,4,7,8-PeCDF	1.8	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	51207-31-9	2,3,7,8-TCDF	2.5	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	3268-87-9	OCDD	4.7	J B	pg/l	J	bl
G1B110461	EB-02092011-SSAO6	SW8290	39001-02-0	OCDF	19	J B	pg/l	J	bl
G1B110461	SSAJ2-07-2.0_01_BPC	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.74	J B	pg/g	J	bl
G1B110461	SSAJ2-07-2.0_01_BPC	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.23	J Q B	pg/g	JK	bl,k
G1B110461	SSAJ2-07-2.0_01_BPC	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.44	J B	pg/g	J	bl
G1B110461	SSAJ2-07-2.0_01_BPC	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.36	J Q B	pg/g	JK	bl,k
G1B110461	SSAJ2-07-2.0_01_BPC	SW8290	3268-87-9	OCDD	0.94	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.26	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	0.63	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.070	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	0.62	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.12	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	0.52	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.12	J Q B	pg/g	JK	bl,k
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.11	J Q B	pg/g	JK	bl,k
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	57117-41-6	1,2,3,7,8-PeCDF	0.33	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.15	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.19	J B	pg/g	J	bl
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	0.42	Q J	pg/g	JK	k
G1B110461	SSAK2-02-0.0_01_BPC	SW8290	3268-87-9	OCDD	0.74	J Q B	pg/g	JK	bl,k
G1B110461	SSAO5-08-3.0_01_BPC	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.7	J Q B	pg/g	JK	k
G1B110461	SSAO5-08-3.0_01_BPC	SW8290	40321-76-4	1,2,3,7,8-PeCDD	1.1	J Q B	pg/g	JK	k
G1B110461	SSAO5-08-3.0_01_BPC	SW8290	1746-01-6	2,3,7,8-TCDD	0.42	J Q	pg/g	JK	k
G1B110461	SSAO6-06-1.0_01_BPC	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	11000	E B	pg/g	J	e
G1B110461	SSAO6-06-1.0_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	1300	E G CON	pg/g	J	e
G1B110461	SSAO6-06-1.0_01_BPC	SW8290	39001-02-0	OCDF	38000	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	8300	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	3800	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	3400	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	2500	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	57117-41-6	1,2,3,7,8-PeCDF	1500	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	1500	E G CON	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC	SW8290	39001-02-0	OCDF	27000	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	7200	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	3200	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	2700	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	2100	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	57117-41-6	1,2,3,7,8-PeCDF	1300	E G B	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	51207-31-9	2,3,7,8-TCDF	1300	E G CON	pg/g	J	e
G1B110461	SSAQ6-02-0.3_01_BPC_FD	SW8290	39001-02-0	OCDF	22000	E G B	pg/g	J	e
G1B120441	SSAI3-08-10.0_01_BPC	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	4800	E	pg/g	J	e
G1B120441	SSAI3-08-10.0_01_BPC	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	2300	E	pg/g	J	e

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1B120441	SSAI3-08-10.0_01_BPC	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1400	E	pg/g	J	e
G1B120441	SSAI3-08-10.0_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	640	CON E G	pg/g	J	e
G1B120441	SSAI3-08-10.0_01_BPC	SW8290	39001-02-0	OCDF	8500	E	pg/g	J	e
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	8.7	B	pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	110		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	56		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	50		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	33		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	5.6		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	11		pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	12	CON Q G	pg/g	JK	k
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	3268-87-9	OCDD	12	B	pg/g	J	i
G1B120441	SSAJ3-10-0.0_01_BPC	SW8290	39001-02-0	OCDF	280		pg/g	J	i
G1B120441	SSAO5-09-0.0_01_BPC	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	240		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	230		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	350	G	pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC	SW8290	1746-01-6	2,3,7,8-TCDD	48		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC	SW8290	51207-31-9	2,3,7,8-TCDF	1100	CON E G	pg/g	J	e
G1B120441	SSAO5-09-0.0_01_BPC_FD	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	320		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC_FD	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	290		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC_FD	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	450	G	pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC_FD	SW8290	1746-01-6	2,3,7,8-TCDD	60		pg/g	J	fd
G1B120441	SSAO5-09-0.0_01_BPC_FD	SW8290	51207-31-9	2,3,7,8-TCDF	1200	E CON G	pg/g	J	e
G1D150604	DS-C39B-1	SW8290	1746-01-6	2,3,7,8-TCDD	66		pg/g	J+	l
G1D150604	DS-C39B-1	SW8290	51207-31-9	2,3,7,8-TCDF	910	CON	pg/g	J+	l
G1D150604	DS-C39B-1	SW8290	39001-02-0	OCDF	39000	E	pg/g	J	e
G1D150604	DS-D27-1	SW8290	1746-01-6	2,3,7,8-TCDD	31		pg/g	J+	l
G1D150604	DS-D27-1	SW8290	51207-31-9	2,3,7,8-TCDF	700	CON	pg/g	J+	l
G1D150604	DS-D27-1	SW8290	39001-02-0	OCDF	25000	E	pg/g	J	e
G1D150604	DS-D27-2	SW8290	1746-01-6	2,3,7,8-TCDD	78		pg/g	J+	l
G1D150604	DS-D27-2	SW8290	51207-31-9	2,3,7,8-TCDF	1200	CON	pg/g	J+	l
G1D150604	DS-D27-2	SW8290	3268-87-9	OCDD	1400		pg/g	J	i
G1D150604	DS-D27-2	SW8290	39001-02-0	OCDF	33000	E G	pg/g	J	e,i
G1D150605	CS-C06-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	1.3	U	pg/g	UJ	i
G1D150605	CS-C06-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.90	J Q B	pg/g	JK	i,k
G1D150605	CS-C06-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.73	U	pg/g	UJ	i
G1D150605	CS-C06-1	SW8290	3268-87-9	OCDD	3.9	Q J	pg/g	JK	bl,i,k
G1D150605	CS-C06-1	SW8290	39001-02-0	OCDF	3.3	U	pg/g	UJ	i
G1D150605	DS-E16-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	120		pg/g	J+	c
G1D150605	DS-E16-1	SW8290	1746-01-6	2,3,7,8-TCDD	74		pg/g	J+	l
G1D150605	DS-E16-1	SW8290	51207-31-9	2,3,7,8-TCDF	1400	CON	pg/g	J+	l
G1D150605	DS-E16-1	SW8290	39001-02-0	OCDF	540000	E G	pg/g	J	e
G1D210492	DS-C08-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	41000	E G B	pg/g	J	e
G1D210492	DS-C08-1	SW8290	51207-31-9	2,3,7,8-TCDF	2700	E G CON	pg/g	J	e

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1D210492	DS-C08-1	SW8290	39001-02-0	OCDF	100000	E G B	pg/g	J	e
G1D210492	DS-C09A-1	SW8290	51207-31-9	2,3,7,8-TCDF	760	E CON	pg/g	J	e
G1D210492	DS-C10-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	6700	E G B	pg/g	J	e
G1D210492	DS-C10-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	2600	E G B	pg/g	J	e
G1D210492	DS-C10-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	2500	E G B	pg/g	J	e
G1D210492	DS-C10-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1300	E G B	pg/g	J	e
G1D210492	DS-C10-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	1200	E G	pg/g	J	e
G1D210492	DS-C10-1	SW8290	51207-31-9	2,3,7,8-TCDF	530	E CON	pg/g	J	e
G1D210492	DS-C10-1	SW8290	39001-02-0	OCDF	17000	E G B	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	60000	E B	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	29000	E G B	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	1600	E G H	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	1700	E G H	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	51207-31-9	2,3,7,8-TCDF	4200	E G CON	pg/g	J	e
G1D210492	DS-C10A-1	SW8290	39001-02-0	OCDF	120000	E G B	pg/g	J	e
G1D210492	DS-C11-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	4100	E G B	pg/g	J	e
G1D210492	DS-C11-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1700	E G B	pg/g	J	e
G1D210492	DS-C11-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1500	E G B	pg/g	J	e
G1D210492	DS-C11-1	SW8290	51207-31-9	2,3,7,8-TCDF	400	E CON	pg/g	J	e
G1D210492	DS-C11-1	SW8290	39001-02-0	OCDF	15000	E G B	pg/g	J	e
G1D210492	DS-C19-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	5700	E B	pg/g	J	e
G1D210492	DS-C19-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	2100	E G B	pg/g	J	e
G1D210492	DS-C19-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	2000	E G B	pg/g	J	e
G1D210492	DS-C19-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1200	E G B	pg/g	J	e
G1D210492	DS-C19-1	SW8290	51207-31-9	2,3,7,8-TCDF	510	E CON	pg/g	J	e
G1D210492	DS-C19-1	SW8290	39001-02-0	OCDF	19000	E G B	pg/g	J	e
G1D220435	CS-C05A-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	1.5	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	19	B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.6	B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.21	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	7.8	B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.48	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	5.1	B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.43	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.86	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	40321-76-4	1,2,3,7,8-PECDD	0.28	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	3.6	B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	1.1	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	1.9	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	1746-01-6	2,3,7,8-TCDD	0.098	J Q B	pg/g	JK	bl,k
G1D220435	CS-C05A-1	SW8290	51207-31-9	2,3,7,8-TCDF	1.6	CON B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	3268-87-9	OCDD	2.6	J B	pg/g	J	bl
G1D220435	CS-C05A-1	SW8290	39001-02-0	OCDF	50	B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	2.6	B	pg/g	J	bl

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1D220435	CS-C07B-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.27	J B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.69	J B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.61	J B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	40321-76-4	1,2,3,7,8-PECDD	0.53	J B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	5.9	B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	1.7	J B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	3.4	B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	1746-01-6	2,3,7,8-TCDD	0.25	J Q B	pg/g	JK	bl,k
G1D220435	CS-C07B-1	SW8290	51207-31-9	2,3,7,8-TCDF	2.6	CON B	pg/g	J	bl
G1D220435	CS-C07B-1	SW8290	3268-87-9	OCDD	4.7	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.46	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	1.0	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.80	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	40321-76-4	1,2,3,7,8-PECDD	0.74	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	1746-01-6	2,3,7,8-TCDD	0.30	J B	pg/g	J	bl
G1D220435	CS-C07B-2	SW8290	3268-87-9	OCDD	11	B	pg/g	J	bl
G1D220435	CS-C08-2	SW8290	51207-31-9	2,3,7,8-TCDF	210	E CON B	pg/g	J	e
G1D220435	CS-C08-2	SW8290	3268-87-9	OCDD	9.3	B	pg/g	J	bl
G1D220435	DS-D23-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	12000000	E G B	pg/g	J	e
G1D220435	DS-D23-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	4400000	E G B	pg/g	J	e
G1D220435	DS-D23-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	4300000	E G B	pg/g	J	e
G1D220435	DS-D23-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	2600000	E G B	pg/g	J	e
G1D220435	DS-D23-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	2200000	E G B	pg/g	J	e
G1D220435	DS-D23-1	SW8290	51207-31-9	2,3,7,8-TCDF	780000	E B CON	pg/g	J	e
G1D220435	DS-D23-1	SW8290	39001-02-0	OCDF	30000000	E G B	pg/g	J	e
G1D220435	DS-DB-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	3800	B	pg/g	J	c,fd
G1D220435	DS-DB-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	27000	E B	pg/g	J	e,fd
G1D220435	DS-DB-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	11000	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	610	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	14000	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	1100	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	7500	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	990	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	1100	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	40321-76-4	1,2,3,7,8-PECDD	700	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	7400	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	1700	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	4000	G B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	1746-01-6	2,3,7,8-TCDD	260	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	51207-31-9	2,3,7,8-TCDF	5000	E CON B	pg/g	J	e,fd
G1D220435	DS-DB-1	SW8290	3268-87-9	OCDD	3800	B	pg/g	J	fd
G1D220435	DS-DB-1	SW8290	39001-02-0	OCDF	100000	E B	pg/g	J	e,fd
G1D220435	DS-DB-2	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	1100	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	3200	E B	pg/g	J	e,fd

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1D220435	DS-DB-2	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	830	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	99	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1800	E B	pg/g	J	e,fd
G1D220435	DS-DB-2	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	350	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1100	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	350	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	110	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	40321-76-4	1,2,3,7,8-PECDD	170	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	57117-41-6	1,2,3,7,8-PECDF	1100	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	290	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	57117-31-4	2,3,4,7,8-PECDF	650	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	1746-01-6	2,3,7,8-TCDD	35	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	51207-31-9	2,3,7,8-TCDF	400	CON B E	pg/g	J	e,fd
G1D220435	DS-DB-2	SW8290	3268-87-9	OCDD	1000	B	pg/g	J	fd
G1D220435	DS-DB-2	SW8290	39001-02-0	OCDF	12000	E B	pg/g	J	e,fd
G1D220435	DS-DC-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	2000	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	7200	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	2500	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	3900	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	2300	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	2300	E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	51207-31-9	2,3,7,8-TCDF	690	CON E B	pg/g	J	e
G1D220435	DS-DC-1	SW8290	39001-02-0	OCDF	29000	E B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	570000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	4300000	E G B S	pg/g	J	e,l
G1D260453	DS-E14A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	3400000	E G B S	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1900000	E G Q B	pg/g	JK	e,k,l
G1D260453	DS-E14A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	170000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1700000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	140000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	330000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	40321-76-4	1,2,3,7,8-PECDD	120000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	1800000	E G B	pg/g	J	e,l
G1D260453	DS-E14A-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	410000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	970000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	1746-01-6	2,3,7,8-TCDD	43000	E G B	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	51207-31-9	2,3,7,8-TCDF	1100000	E G CON	pg/g	J	e,l
G1D260453	DS-E14A-1	SW8290	3268-87-9	OCDD	490000	E G B S	pg/g	J	e
G1D260453	DS-E14A-1	SW8290	39001-02-0	OCDF	8500000	E G B S	pg/g	J	e,l
G1D260453	DS-E14A-2	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	360000	E G B	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	3200000	E G B S	pg/g	J	e,l
G1D260453	DS-E14A-2	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	2100000	E G B S	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1600000	E G B	pg/g	J	e,l
G1D260453	DS-E14A-2	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1000000	E G B	pg/g	J	e

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1D260453	DS-E14A-2	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	250000	E G B	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	57117-41-6	1,2,3,7,8-PECDF	950000	E G B	pg/g	J	e,l
G1D260453	DS-E14A-2	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	220000	E G B	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	57117-31-4	2,3,4,7,8-PECDF	380000	E G B	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	1746-01-6	2,3,7,8-TCDD	26000	E G B	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	51207-31-9	2,3,7,8-TCDF	650000	E G CON	pg/g	J	e,l
G1D260453	DS-E14A-2	SW8290	3268-87-9	OCDD	330000	E B SAT	pg/g	J	e
G1D260453	DS-E14A-2	SW8290	39001-02-0	OCDF	6600000	E G B S	pg/g	J	e,l
G1D280608	CS-C07A-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.70	J B	pg/g	J	bl
G1D280608	CS-C07A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.3	B	pg/g	J	be,bl
G1D280608	CS-C07A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.8	J B	pg/g	J	bl
G1D280608	CS-C07A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	2.0	J B	pg/g	J	be,bl
G1D280608	CS-C07A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.21	J Q	pg/g	JK	k
G1D280608	CS-C07A-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1.7	J B	pg/g	J	be,bl
G1D280608	CS-C07A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.18	J B	pg/g	J	bl
G1D280608	CS-C07A-1	SW8290	51207-31-9	2,3,7,8-TCDF	3.7	CON	pg/g	J-	c
G1D280608	CS-C07A-1	SW8290	3268-87-9	OCDD	2.9	J B	pg/g	J	be,bl
G1D280608	CS-C07A-1	SW8290	39001-02-0	OCDF	8.4	B	pg/g	J	be,bl
G1D280608	CS-C08-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.65	J B	pg/g	J	bl
G1D280608	CS-C08-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.6		pg/g	J	be,bl
G1D280608	CS-C08-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.6	J B	pg/g	J	bl
G1D280608	CS-C08-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1.5	J B	pg/g	J	be,bl
G1D280608	CS-C08-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1.3	J B	pg/g	J	be,bl
G1D280608	CS-C08-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.32	J B	pg/g	J	bl
G1D280608	CS-C08-1	SW8290	51207-31-9	2,3,7,8-TCDF	1.1	CON	pg/g	J-	c
G1D280608	CS-C08-1	SW8290	3268-87-9	OCDD	2.2	J B	pg/g	J	be,bl
G1D280608	CS-C08-1	SW8290	39001-02-0	OCDF	13	B	pg/g	J	be,bl
G1D280608	CS-C09A-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.90	J B	pg/g	J	bl
G1D280608	CS-C09A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.2	B	pg/g	J	be,bl
G1D280608	CS-C09A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	2.4	J B	pg/g	J	bl
G1D280608	CS-C09A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1.7	J B	pg/g	J	be,bl
G1D280608	CS-C09A-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	1.3	J B	pg/g	J	be,bl
G1D280608	CS-C09A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.18	J Q B	pg/g	JK	bl,k
G1D280608	CS-C09A-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.27	J Q	pg/g	JK	k
G1D280608	CS-C09A-1	SW8290	51207-31-9	2,3,7,8-TCDF	1.2	CON	pg/g	J-	c
G1D280608	CS-C09A-1	SW8290	3268-87-9	OCDD	2.8	J B	pg/g	J	be,bl
G1D280608	CS-C09A-1	SW8290	39001-02-0	OCDF	14	B	pg/g	J	be,bl
G1D280608	DS-D06A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	4.3	J Q	pg/g	JK	k
G1D280608	DS-D06A-1	SW8290	51207-31-9	2,3,7,8-TCDF	59	CON	pg/g	J-	c
G1D280608	EB-C07A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.3	J Q B	pg/l	JK	bl,k
G1D280608	EB-C07A-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	2.6	J Q	pg/l	JK	k
G1D280608	EB-C07A-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	2.4	J Q	pg/l	JK	k
G1D280608	EB-C07A-1	SW8290	3268-87-9	OCDD	8.9	J B	pg/l	J	bl
G1D280608	EB-C07A-1	SW8290	39001-02-0	OCDF	6.5	J Q B	pg/l	JK	bl,k

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E040615	DS-C18-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.34	J Q B	pg/g	JK	bl,i,k
G1E040615	DS-C18-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.4	J B	pg/g	J	i
G1E040615	DS-C18-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.40	J Q B	pg/g	JK	bl,i,k
G1E040615	DS-C18-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.13	J Q	pg/g	JK	k
G1E040615	DS-C18-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	0.91	J Q B	pg/g	JK	bl,k
G1E040615	DS-C18-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.22	J Q	pg/g	JK	k
G1E040615	DS-C18-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	0.28	J Q B	pg/g	JK	bl,k
G1E040615	DS-C18-1	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.21	J Q B	pg/g	JK	bl,k
G1E040615	DS-C18-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	1.1	J Q	pg/g	JK	k
G1E040615	DS-C18-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	0.34	J Q	pg/g	JK	k
G1E040615	DS-C18-1	SW8290	3268-87-9	OCDD	3.6	J B	pg/g	J	bl,i
G1E040615	DS-C18-1	SW8290	39001-02-0	OCDF	2.7	J B	pg/g	J	i
G1E040615	DS-C18-2	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.57	J B	pg/g	J	bl
G1E040615	DS-C18-2	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.83	J Q B	pg/g	JK	k
G1E040615	DS-C18-2	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.25	J B	pg/g	J	bl
G1E040615	DS-C18-2	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.27	J B	pg/g	J	bl
G1E040615	DS-C18-2	SW8290	3268-87-9	OCDD	2.8	J B	pg/g	J	bl,i
G1E040615	DS-C18-2	SW8290	39001-02-0	OCDF	4.6	J B	pg/g	J	i
G1E050552	CS-E08A-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.44	J Q	pg/g	JK	k
G1E050552	CS-E08A-1	SW8290	3268-87-9	OCDD	7.6	B	pg/g	J	i
G1E050552	CS-E08A-1	SW8290	39001-02-0	OCDF	130	B	pg/g	J	i
G1E050552	CS-E11-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	130000	G Q	pg/g	JK	k
G1E050552	CS-E11-1	SW8290	40321-76-4	1,2,3,7,8-PECDD	3500	Q	pg/g	JK	k
G1E050552	CS-E11-1	SW8290	1746-01-6	2,3,7,8-TCDD	1200	Q	pg/g	JK	k
G1E050552	EE-E08A-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	2000	J Q	pg/g	JK	k
G1E050552	EE-E08A-2	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	6400	J Q	pg/g	JK	k
G1E050552	EE-E08A-2	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	2000	J Q	pg/g	JK	k
G1E050552	EE-E09-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	2700	E G	pg/g	J	e
G1E050552	EE-E09-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1300	E G	pg/g	J	e
G1E050552	EE-E09-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1700	E G	pg/g	J	e
G1E050552	EE-E09-1	SW8290	51207-31-9	2,3,7,8-TCDF	540	E G CON	pg/g	J	e
G1E050552	EE-E09-1	SW8290	39001-02-0	OCDF	8600	E B	pg/g	J	e
G1E110471	DS-D06A-2	SW8290	57117-41-6	1,2,3,7,8-PECDF	0.44	J Q	pg/g	JK	k
G1E110471	DS-D06A-2	SW8290	3268-87-9	OCDD	2.9	J B	pg/g	J+	c
G1E110471	DS-D06A-2	SW8290	39001-02-0	OCDF	6.8	J B	pg/g	J+	c
G1E170481	CS-C10A-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	2.0	J Q	pg/g	JK	k
G1E170481	CS-C10A-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	3.9	J Q	pg/g	JK	k
G1E170481	CS-C10A-1	SW8290	1746-01-6	2,3,7,8-TCDD	0.91	J Q	pg/g	JK	k
G1E180549	CS-E14A-2	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	1.1	J Q	pg/g	JK	k
G1E180549	CS-E14A-2	SW8290	1746-01-6	2,3,7,8-TCDD	0.48	J Q	pg/g	JK	k
G1E180549	CS-E14A-2	SW8290	3268-87-9	OCDD	10	J B	pg/g	J	bl
G1E180549	EB-E14A-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.0	J Q B	pg/l	JK	bl,k
G1E180549	EB-E14A-2	SW8290	3268-87-9	OCDD	11	J B	pg/l	J	bl
G1E180550	CS-C44-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.70	J B	pg/g	J	bl

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1E180550	CS-C44-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	2.6	J B	pg/g	J	bl
G1E180550	CS-C44-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.3	J Q B	pg/g	JK	bl,k
G1E180550	CS-C44-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	2.6	J B	pg/g	J	bl
G1E180550	CS-C44-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.26	J Q	pg/g	JK	k
G1E180550	CS-C44-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	0.77	J B	pg/g	J	bl
G1E180550	CS-C44-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	1.5	J B	pg/g	J	bl
G1E180550	CS-C44-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.20	J Q B	pg/g	JK	bl,k
G1E180550	CS-C44-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	0.57	J Q	pg/g	JK	k
G1E180550	CS-C44-1	SW8290	3268-87-9	OCDD	2.4	J B	pg/g	J	bl
G1E180550	CS-C44-1	SW8290	39001-02-0	OCDF	4.6	J B	pg/g	J	bl
G1F030418	CS-E14A-3	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	1.8	J Q	pg/g	JK	k
G1F030418	CS-E14A-3	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	12	J B	pg/g	J	bl
G1F030418	CS-E14A-3	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.5	J Q B	pg/g	JK	bl,k
G1F030418	CS-E14A-3	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	6.2	J B	pg/g	J	bl,c
G1F030418	CS-E14A-3	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	3.4	J B	pg/g	J	bl,c
G1F030418	CS-E14A-3	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.84	J	pg/g	J+	c
G1F030418	CS-E14A-3	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.75	J Q	pg/g	JK	c,k
G1F030418	CS-E14A-3	SW8290	57117-31-4	2,3,4,7,8-PECDF	1.5	J Q	pg/g	JK	k
G1F030418	CS-E14A-3	SW8290	51207-31-9	2,3,7,8-TCDF	5.5	J CON B	pg/g	J	bl
G1F030418	CS-E14A-3	SW8290	3268-87-9	OCDD	3.6	J B	pg/g	J	bl
G1F030418	CS-E14B-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.76	U	pg/g	UJ	i
G1F030418	CS-E14B-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	2.8	J B	pg/g	J	i
G1F030418	CS-E14B-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.5	J	pg/g	J	i
G1F030418	CS-E14B-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	0.94	J Q B	pg/g	JK	k
G1F030418	CS-E14B-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.56	J Q	pg/g	JK	k
G1F030418	CS-E14B-1	SW8290	3268-87-9	OCDD	3.1	J B	pg/g	J	bl,i
G1F030418	CS-E14B-1	SW8290	39001-02-0	OCDF	13	B	pg/g	J	i
G1F030418	CS-E14C-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	1.1	J Q B	pg/g	JK	i,k
G1F030418	CS-E14C-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	11	B	pg/g	J	i
G1F030418	CS-E14C-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	6.7		pg/g	J	i
G1F030418	CS-E14C-1	SW8290	39227-28-6	1,2,3,4,7,8-HXCDD	0.25	J Q	pg/g	JK	i,k
G1F030418	CS-E14C-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	6.3	B	pg/g	J	i
G1F030418	CS-E14C-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.40	J Q	pg/g	JK	i,k
G1F030418	CS-E14C-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	2.8	J B	pg/g	J	i
G1F030418	CS-E14C-1	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.28	J Q	pg/g	JK	i,k
G1F030418	CS-E14C-1	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.58	U	pg/g	UJ	i
G1F030418	CS-E14C-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.62	J	pg/g	J	i
G1F030418	CS-E14C-1	SW8290	57117-31-4	2,3,4,7,8-PECDF	1.4	J Q	pg/g	JK	k
G1F030418	CS-E14C-1	SW8290	3268-87-9	OCDD	3.6	J B	pg/g	J	bl,i
G1F030418	CS-E14C-1	SW8290	39001-02-0	OCDF	33	B	pg/g	J	i
G1F030418	EB-E14B-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	9.3	J Q B	pg/l	JK	bl,k
G1F030418	EB-E14B-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	7.0	J B	pg/l	J	bl
G1F030418	EB-E14B-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	12	J Q	pg/l	JK	k
G1F030418	EB-E14B-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	5.1	J Q	pg/l	JK	k

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1F030418	EB-E14B-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	3.2	J Q	pg/l	JK	k
G1F030418	EB-E14B-1	SW8290	39001-02-0	OCDF	12	J Q	pg/l	JK	k
G1F030418	EE-E14C-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	0.79	J B	pg/g	J	bl,i
G1F030418	EE-E14C-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.4	J Q B	pg/g	JK	bl,i,k
G1F030418	EE-E14C-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.1	J	pg/g	J	i
G1F030418	EE-E14C-1	SW8290	70648-26-9	1,2,3,4,7,8-HXCDF	1.2	J B	pg/g	J	bl
G1F030418	EE-E14C-1	SW8290	57653-85-7	1,2,3,6,7,8-HXCDD	0.21	J Q	pg/g	JK	k
G1F030418	EE-E14C-1	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	0.37	J Q B	pg/g	JK	bl,k
G1F030418	EE-E14C-1	SW8290	57117-41-6	1,2,3,7,8-PECDF	0.57	J Q	pg/g	JK	k
G1F030418	EE-E14C-1	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.30	J Q	pg/g	JK	k
G1F030418	EE-E14C-1	SW8290	51207-31-9	2,3,7,8-TCDF	0.63	J Q	pg/g	JK	k
G1F030418	EE-E14C-1	SW8290	3268-87-9	OCDD	1.2	J B	pg/g	J	bl,i
G1F030418	EE-E14C-1	SW8290	39001-02-0	OCDF	3.6	J B	pg/g	J	i
G1F030428	CS-DC-4	SW8290	57117-44-9	1,2,3,6,7,8-HXCDF	3.2	J Q B	pg/g	JK	k
G1F030428	CS-DC-4	SW8290	19408-74-3	1,2,3,7,8,9-HXCDD	0.36	J Q	pg/g	JK	k
G1F030428	CS-DC-4	SW8290	72918-21-9	1,2,3,7,8,9-HXCDF	0.67	J Q	pg/g	JK	k
G1F030428	CS-DC-4	SW8290	60851-34-5	2,3,4,6,7,8-HXCDF	0.68	J Q	pg/g	JK	k
G1F030428	CS-DC-4	SW8290	51207-31-9	2,3,7,8-TCDF	1.2	Q CON	pg/g	JK	k
G1F030428	CS-DC-4	SW8290	3268-87-9	OCDD	2.0	J Q B	pg/g	JK	bl,k
G1F080418	CS-D08-1	SW8290	51207-31-9	2,3,7,8-TCDF	110	CON	pg/g	J	c
G1F080418	CS-D10-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	3.1	JQ	pg/g	JK	k
G1F080418	CS-D10-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	2.7	JQ	pg/g	JK	k
G1F080418	CS-D10A-1	SW8290	3268-87-9	OCDD	3.7	JQB	pg/g	JK	k
G1F080418	CS-D10A-1	SW8290	39001-02-0	OCDF	4.9	JQ	pg/g	JK	k
G1F080418	CS-D10B-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	2.6	JQ	pg/g	JK	k
G1F080418	CS-D10B-1	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	3.3	JQ	pg/g	JK	k
G1F080418	CS-D10B-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1.6	JQ	pg/g	JK	k
G1F080418	CS-D10B-1	SW8290	39001-02-0	OCDF	15	JQ	pg/g	JK	k
G1F080418	CS-DA-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	0.64	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	4.7	JB	pg/g	J	i
G1F080418	CS-DA-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	2.3	JB	pg/g	J	i
G1F080418	CS-DA-1	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.24	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	1.9	JB	pg/g	J	i
G1F080418	CS-DA-1	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	0.53	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1.3	JB	pg/g	J	i
G1F080418	CS-DA-1	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.39	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.52	JQ	pg/g	JK	i,k
G1F080418	CS-DA-1	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.43	U	pg/g	UJ	i
G1F080418	CS-DA-1	SW8290	57117-41-6	1,2,3,7,8-PeCDF	1.9	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.56	J	pg/g	J	i
G1F080418	CS-DA-1	SW8290	57117-31-4	2,3,4,7,8-PeCDF	0.52	U	pg/g	UJ	i
G1F080418	CS-DA-1	SW8290	1746-01-6	2,3,7,8-TCDD	0.35	U	pg/g	UJ	i
G1F080418	CS-DA-1	SW8290	51207-31-9	2,3,7,8-TCDF	1.3	BCON	pg/g	J	i
G1F080418	CS-DA-1	SW8290	3268-87-9	OCDD	3.4	JB	pg/g	J	i

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1F080418	CS-DA-1	SW8290	39001-02-0	OCDF	12	B	pg/g	J	i
G1F080418	CS-DB-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	3800	EB	pg/g	J	e
G1F080418	CS-DB-2	SW8290	1746-01-6	2,3,7,8-TCDD	13		pg/g	J	i
G1F080418	CS-DB-2	SW8290	51207-31-9	2,3,7,8-TCDF	310	CONB	pg/g	J	i
G1F080418	CS-DB-2	SW8290	39001-02-0	OCDF	11000	EB	pg/g	J	e
G1F080418	EE-D10-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	3000	EB	pg/g	J	e
G1F080418	EE-D10-1	SW8290	40321-76-4	1,2,3,7,8-PeCDD	95		pg/g	J	i
G1F080418	EE-D10-1	SW8290	57117-41-6	1,2,3,7,8-PeCDF	610		pg/g	J	i
G1F080418	EE-D10-1	SW8290	57117-31-4	2,3,4,7,8-PeCDF	410		pg/g	J	i
G1F080418	EE-D10-1	SW8290	1746-01-6	2,3,7,8-TCDD	16		pg/g	J	i
G1F080418	EE-D10-1	SW8290	51207-31-9	2,3,7,8-TCDF	230	CONB	pg/g	J	i
G1F080418	EE-D10-1	SW8290	39001-02-0	OCDF	14000	EB	pg/g	J	e
G1F080418	EE-DB-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	6500	EB	pg/g	J	e
G1F080418	EE-DB-1	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	80		pg/g	J	i
G1F080418	EE-DB-1	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	2400	GB	pg/g	J	i
G1F080418	EE-DB-1	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	220		pg/g	J	i
G1F080418	EE-DB-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1700	GB	pg/g	J	i
G1F080418	EE-DB-1	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	190		pg/g	J	i
G1F080418	EE-DB-1	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	300	G	pg/g	J	i
G1F080418	EE-DB-1	SW8290	40321-76-4	1,2,3,7,8-PeCDD	140		pg/g	J	i
G1F080418	EE-DB-1	SW8290	57117-41-6	1,2,3,7,8-PeCDF	1300	G	pg/g	J	i
G1F080418	EE-DB-1	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	430	G	pg/g	J	i
G1F080418	EE-DB-1	SW8290	57117-31-4	2,3,4,7,8-PeCDF	830	G	pg/g	J	i
G1F080418	EE-DB-1	SW8290	1746-01-6	2,3,7,8-TCDD	28		pg/g	J	i
G1F080418	EE-DB-1	SW8290	51207-31-9	2,3,7,8-TCDF	550	CONB	pg/g	J	i
G1F080418	EE-DB-1	SW8290	39001-02-0	OCDF	26000	EGB	pg/g	J	e
G1F080418	EE-DB-2	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	1500		pg/g	J	i
G1F080418	EE-DB-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	7300	EB	pg/g	J	e,i
G1F080418	EE-DB-2	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	2400	B	pg/g	J	i
G1F080418	EE-DB-2	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	120		pg/g	J	i
G1F080418	EE-DB-2	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	2800	GB	pg/g	J	i
G1F080418	EE-DB-2	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	420		pg/g	J	i
G1F080418	EE-DB-2	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	2100	GB	pg/g	J	i
G1F080418	EE-DB-2	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	320		pg/g	J	i
G1F080418	EE-DB-2	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	300	G	pg/g	J	i
G1F080418	EE-DB-2	SW8290	40321-76-4	1,2,3,7,8-PeCDD	210		pg/g	J	i
G1F080418	EE-DB-2	SW8290	57117-41-6	1,2,3,7,8-PeCDF	1600		pg/g	J	i
G1F080418	EE-DB-2	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	650	G	pg/g	J	i
G1F080418	EE-DB-2	SW8290	57117-31-4	2,3,4,7,8-PeCDF	1100		pg/g	J	i
G1F080418	EE-DB-2	SW8290	1746-01-6	2,3,7,8-TCDD	35	G	pg/g	J	i
G1F080418	EE-DB-2	SW8290	51207-31-9	2,3,7,8-TCDF	590	GCONB	pg/g	J	i
G1F080418	EE-DB-2	SW8290	3268-87-9	OCDD	1700	B	pg/g	J	i
G1F080418	EE-DB-2	SW8290	39001-02-0	OCDF	28000	EB	pg/g	J	e,i
G1F080478	CS-D25-1	SW8290	51207-31-9	2,3,7,8-TCDF	78	CONB	pg/g	J	i

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1F080478	CS-D25-1	SW8290	3268-87-9	OCDD	64	B	pg/g	J	i
G1F080478	CS-D25-1	SW8290	39001-02-0	OCDF	2400	B	pg/g	J	i
G1F080478	CS-D25-2	SW8290	3268-87-9	OCDD	96	B	pg/g	J	i
G1F080478	CS-D25-2	SW8290	39001-02-0	OCDF	3000	B	pg/g	J	i
G1F080500	CS-DB-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	1.5	JQB	pg/g	JK	k
G1F080500	CS-DB-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1.6	JQB	pg/g	JK	k
G1F080500	CS-DB-1	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	1.0	JQB	pg/g	JK	k
G1F080500	CS-DB-1	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	0.43	JQB	pg/g	JK	bl,k
G1F080500	CS-DB-3	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	2.6	JQB	pg/g	JK	k
G1F080500	CS-DB-3	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.2	JQB	pg/g	JK	k
G1F080500	CS-DB-3	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	2.0	JQB	pg/g	JK	k
G1F080500	CS-DB-3	SW8290	57117-31-4	2,3,4,7,8-PeCDF	6.3	JQ	pg/g	JK	k
G1F080500	CS-DB-3	SW8290	51207-31-9	2,3,7,8-TCDF	7.7	JQCON	pg/g	JK	k
G1F200452	CS-C11-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	1.9	JQB	pg/g	JK	k
G1F200452	CS-C11-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	4.7	JB	pg/g	J	bl
G1F200452	CS-C11-1	SW8290	39001-02-0	OCDF	16	JB	pg/g	J	bl
G1F200452	CS-C15-1	SW8290	3268-87-9	OCDD	18	U	pg/g	UJ	i
G1F200452	CS-C15-1	SW8290	39001-02-0	OCDF	27	JB	pg/g	J	i
G1F200452	CS-D24-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	23000	EB	pg/g	J	e
G1F200452	CS-D24-2	SW8290	39001-02-0	OCDF	79000	EB	pg/g	J	e
G1F200452	CS-D24-3	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	4.0	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	26	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	11	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	5.2	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	2.0	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	1.9	JQ	pg/g	JK	k
G1F200452	CS-D24-3	SW8290	51207-31-9	2,3,7,8-TCDF	6.0	QJ	pg/g	JK	k
G1F200452	EB-C15-1	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	1.6	JQ	pg/l	JK	k
G1F200452	EB-C15-1	SW8290	3268-87-9	OCDD	3.3	JQB	pg/l	JK	bl,k
G1F200452	EB-C15-1	SW8290	39001-02-0	OCDF	3.1	JQB	pg/l	JK	k
G1G010412	CS-D23-1	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.66	JB	pg/g	J	bl
G1G010412	CS-D23-1	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	0.89	JB	pg/g	J	bl
G1G010412	CS-D23-1	SW8290	40321-76-4	1,2,3,7,8-PeCDD	0.77	JB	pg/g	J	bl
G1G010412	CS-D23-1	SW8290	1746-01-6	2,3,7,8-TCDD	0.22	JQB	pg/g	JK	bl,k
G1G010412	CS-D23-1	SW8290	3268-87-9	OCDD	3.4	JB	pg/g	J	bl
G1G010412	CS-D23-2	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	0.90	JB	pg/g	J	bl
G1G010412	CS-D23-2	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	1.6	JB	pg/g	J	bl
G1G010412	CS-D23-2	SW8290	1746-01-6	2,3,7,8-TCDD	0.42	JB	pg/g	J	bl
G1G010412	EE-D25-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	24000	EB	pg/g	J	e
G1G010412	EE-D25-2	SW8290	39001-02-0	OCDF	87000	EG	pg/g	J	e
G1G200427	CS-E11-3	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	59		pg/g	J	i
G1G200427	CS-E11-3	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	690	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	350	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	39227-28-6	1,2,3,4,7,8-HxCDD	6.8		pg/g	J	i

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1G200427	CS-E11-3	SW8290	70648-26-9	1,2,3,4,7,8-HxCDF	290	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	17		pg/g	J	i
G1G200427	CS-E11-3	SW8290	57117-44-9	1,2,3,6,7,8-HxCDF	190	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	14		pg/g	J	i
G1G200427	CS-E11-3	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	45		pg/g	J	i
G1G200427	CS-E11-3	SW8290	40321-76-4	1,2,3,7,8-PeCDD	13		pg/g	J	i
G1G200427	CS-E11-3	SW8290	57117-41-6	1,2,3,7,8-PeCDF	160	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	59		pg/g	J	i
G1G200427	CS-E11-3	SW8290	57117-31-4	2,3,4,7,8-PeCDF	85		pg/g	J	i
G1G200427	CS-E11-3	SW8290	3268-87-9	OCDD	63	B	pg/g	J	i
G1G200427	CS-E11-3	SW8290	39001-02-0	OCDF	1800	B	pg/g	J	i
G1G290418	CS-C10B-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HPCDD	130	B	pg/g	J	i
G1G290418	CS-C10B-1	SW8290	3268-87-9	OCDD	130	B	pg/g	J	i
G1G290418	CS-C10B-1	SW8290	39001-02-0	OCDF	3500	B	pg/g	J	i
G1H040461	EB-D25A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	10	JBQ	pg/l	JK	k
G1H040461	EB-D25A-1	SW8290	57653-85-7	1,2,3,6,7,8-HxCDD	1.1	JBQ	pg/l	JK	bl,k
G1H040461	EB-D25A-1	SW8290	19408-74-3	1,2,3,7,8,9-HxCDD	1.6	JBQ	pg/l	JK	bl,k
G1H040461	EB-D25A-1	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	1.9	JQ	pg/l	JK	k
G1H040461	EB-D25A-1	SW8290	60851-34-5	2,3,4,6,7,8-HxCDF	3.6	JBQ	pg/l	JK	bl,k
G1H040461	EB-D25A-1	SW8290	3268-87-9	OCDD	8.7	JB	pg/l	J	bl
G1H050420	CS-D25A-1	SW8290	35822-46-9	1,2,3,4,6,7,8-HpCDD	74	B	pg/g	J	i
G1H050420	CS-D25A-1	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	760	B	pg/g	J	i
G1H050420	CS-D25A-1	SW8290	55673-89-7	1,2,3,4,7,8,9-HpCDF	330	B	pg/g	J	i
G1H050420	CS-D25A-1	SW8290	1746-01-6	2,3,7,8-TCDD	3.0	JQ	pg/g	JK	k
G1H050420	CS-D25A-1	SW8290	3268-87-9	OCDD	85	JB	pg/g	J	i,sp
G1H050420	CS-D25A-1	SW8290	39001-02-0	OCDF	2300	B	pg/g	J	i
G1H050420	CS-D25A-2	SW8290	67562-39-4	1,2,3,4,6,7,8-HpCDF	26000	EB	pg/g	J	e
G1H050420	CS-D25A-2	SW8290	3268-87-9	OCDD	1800	B	pg/g	J	i
G1H050420	CS-D25A-2	SW8290	39001-02-0	OCDF	69000	EB	pg/g	J	e,i
G1H050420	CS-D25A-3	SW8290	40321-76-4	1,2,3,7,8-PeCDD	12	JQ	pg/g	JK	k
G1H050420	CS-D25A-3	SW8290	1746-01-6	2,3,7,8-TCDD	5.0	JQ	pg/g	JK	k
G1I010458	DS-E14C-2	SW8290	3268-87-9	OCDD	12000	EB	pg/g	J	e
G1I010460	CS-D31A-1	SW8290	72918-21-9	1,2,3,7,8,9-HxCDF	0.33	JQ	pg/g	JK	k
G1I010460	CS-D31A-1	SW8290	57117-31-4	2,3,4,7,8-PeCDF	1.0	JQ	pg/g	JK	k
G1I010460	CS-D31A-1	SW8290	3268-87-9	OCDD	12	B	pg/g	J	i
G1I010460	CS-D31A-1	SW8290	39001-02-0	OCDF	26	B	pg/g	J	i
280-14714-1	CS-C06-1	SW6010B	7439-95-4	Magnesium	9200		mg/kg	J	sd
280-17185-1	CS-C15-1	SW6010B	7439-96-5	Manganese	5400	B	mg/kg	J	sd
280-17185-2	EE-C13-1	SW6010B	7439-96-5	Manganese	490	B	mg/kg	J	sd
280-17185-2	EE-C15-1	SW6010B	7439-96-5	Manganese	7900	B	mg/kg	J	sd
280-17185-2	EE-C15-2	SW6010B	7439-96-5	Manganese	22000	B	mg/kg	J	sd
280-17365-1	CS-C22A-1	SW6010B	7439-96-5	Manganese	2600		mg/kg	J	sd
280-17365-1	CS-C26-1	SW6010B	7439-96-5	Manganese	280		mg/kg	J	sd
280-17578-1	CS-D23-1	SW6010B	7439-95-4	Magnesium	13000		mg/kg	J	m,sd

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
280-17578-1	CS-D23-2	SW6010B	7439-95-4	Magnesium	9400		mg/kg	J	m,sd
280-17578-1	CS-D23-3	SW6010B	7439-95-4	Magnesium	8700		mg/kg	J	m,sd
280-17578-1	CS-D23-4	SW6010B	7439-95-4	Magnesium	8300		mg/kg	J	m,sd
280-18594-1	CS-C10B-1	SW6010B	7440-48-4	Cobalt	6.4		mg/kg	J	sd
280-18594-1	CS-C10B-1	SW6010B	7439-95-4	Magnesium	18000		mg/kg	J	m,sd
280-18594-1	CS-C10B-1	SW6010B	7439-96-5	Manganese	490		mg/kg	J	sd
280-18595-1	DS-E14C-1	SW6010B	7439-96-5	Manganese	6300		mg/kg	J	ld
G1E180549	CS-E14A-1	SW6010B	7439-95-4	Magnesium	13000	J	mg/kg	J-	m
G1E180549	CS-E14A-2	SW6010B	7439-95-4	Magnesium	10900	J	mg/kg	J-	m
G1E180549	EE-E14A-1	SW6010B	7439-95-4	Magnesium	10100	J	mg/kg	J-	m
G1E180550	CS-C44-1	SW6010B	7440-48-4	Cobalt	131		mg/kg	J-	m,sd
280-12451-1	SSAO5-09-0.0_01_BPC	SW6020	7440-38-2	Arsenic	11		mg/kg	J	fd
280-12451-1	SSAO5-09-0.0_01_BPC FD	SW6020	7440-38-2	Arsenic	5.2		mg/kg	J	fd
280-18328-1	CS-E14C-2	SW6020	7439-92-1	Lead	75		mg/kg	J+	m
280-18595-1	DS-E14C-1	SW6020	7439-92-1	Lead	50	B	mg/kg	J+	m
G1D210492	DS-C08-1	SW6020	7440-38-2	Arsenic	3.0		mg/kg	J-	m
G1D210492	DS-C09A-1	SW6020	7440-38-2	Arsenic	8.2		mg/kg	J-	m
G1D210492	DS-C10-1	SW6020	7440-38-2	Arsenic	3.1		mg/kg	J-	m
G1D210492	DS-C10A-1	SW6020	7440-38-2	Arsenic	11.9		mg/kg	J-	m
G1D210492	DS-C11-1	SW6020	7440-38-2	Arsenic	3.2		mg/kg	J-	m
G1D210492	DS-C19-1	SW6020	7440-38-2	Arsenic	45.7		mg/kg	J-	m
G1D210492	DS-C23-1	SW6020	7440-38-2	Arsenic	707		mg/kg	J-	m
G1D210492	DS-C25-1	SW6020	7440-38-2	Arsenic	16.4		mg/kg	J-	m
G1D220435	CS-C01-1	SW6020	7440-38-2	Arsenic	2.3		mg/kg	J-	m
G1D220435	CS-C01-2	SW6020	7440-38-2	Arsenic	2.7		mg/kg	J-	m
G1D220435	CS-C07B-1	SW6020	7440-38-2	Arsenic	2.8		mg/kg	J-	m
G1D220435	CS-C07B-2	SW6020	7440-38-2	Arsenic	2.8		mg/kg	J-	m
G1D220435	CS-C08-2	SW6020	7440-38-2	Arsenic	3.6		mg/kg	J-	m
G1D220435	DS-D23-1	SW6020	7440-38-2	Arsenic	67.0		mg/kg	J-	m
G1D220435	DS-DB-1	SW6020	7440-38-2	Arsenic	6.0		mg/kg	J-	m
G1D220435	DS-DB-2	SW6020	7440-38-2	Arsenic	5.3		mg/kg	J-	m
G1D220435	DS-DC-1	SW6020	7440-38-2	Arsenic	1.7		mg/kg	J-	m
G1D220435	EE-C01-1	SW6020	7440-38-2	Arsenic	4.1		mg/kg	J-	m
G1D260453	DS-E14A-1	SW6020	7440-38-2	Arsenic	120		mg/kg	J-	m
G1D260453	DS-E14A-1	SW6020	7440-43-9	Cadmium	0.85		mg/kg	J-	m
G1D260453	DS-E14A-2	SW6020	7440-38-2	Arsenic	119		mg/kg	J-	m
G1D260453	DS-E14A-2	SW6020	7440-43-9	Cadmium	1.2		mg/kg	J-	m
G1D280608	CS-C07A-1	SW6020	7440-38-2	Arsenic	1.4		mg/kg	J	be
G1D280608	CS-C08-1	SW6020	7440-38-2	Arsenic	1.5		mg/kg	J	be
G1E180549	CS-E14A-1	SW6020	7440-38-2	Arsenic	3.2		mg/kg	J-	m
G1E180549	CS-E14A-2	SW6020	7440-38-2	Arsenic	4.4		mg/kg	J-	m
G1E180549	EE-E14A-1	SW6020	7440-38-2	Arsenic	2.1		mg/kg	J-	m
G1E180550	CS-C44-1	SW6020	7440-38-2	Arsenic	3.6		mg/kg	J-	m
G1E180550	EE-D25A-1	SW6020	7440-38-2	Arsenic	32.2		mg/kg	J-	m

Table III. Overall Qualified Results

SDG	Client Sample ID	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	Units	Validation Qualifier	Validation Reason Code
G1F080418	CS-C42-1	SW6020	7440-38-2	Arsenic	2.1		mg/kg	J-	m
G1F080478	CS-D24-1	SW6020	7440-38-2	Arsenic	156		mg/kg	J	sd
G1F080478	CS-D25-1	SW6020	7440-38-2	Arsenic	7.9		mg/kg	J	sd
G1F080478	CS-D25-2	SW6020	7440-38-2	Arsenic	2.6		mg/kg	J	sd
G1F080478	EE-D25-1	SW6020	7440-38-2	Arsenic	226		mg/kg	J	sd
280-12420-2	EB-02092011-SSAO6	E314.0	14797-73-0	Perchlorate	0.91	J	ug/l	J	bl
G1E050552	EE-E08A-1	E314.0	14797-73-0	Perchlorate	2050000	Q	ug/kg	J	fd
G1E050552	EE-E08A-2	E314.0	14797-73-0	Perchlorate	818000	Q	ug/kg	J	fd

ATTACHMENT A

Qualifications based on Calibration Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Result	DQI Limits
CS-E14A-1	G1E180549	SW8260B	SO	1,4-DIOXANE	42	ug/kg	U	UJ	c	0.00334, 0.0035	0.05 RRF ICAL, 0.05 RRF CCV
CS-E14A-1	G1E180549	SW8260B	SO	T-BUTANOL	32	ug/kg	U	UJ	c	0.03505, 0.03716	0.05 RRF ICAL, 0.05 RRF CCV
CS-E14A-2	G1E180549	SW8260B	SO	1,2,4-TRIMETHYLBENZENE	0.54	ug/kg	U	UJ	c,i	25.39279	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	1,3,5-TRIMETHYLBENZENE	0.37	ug/kg	U	UJ	c,i	25.41114	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	1,4-DIOXANE	41	ug/kg	U	UJ	c,i	0.00334, 0.00329	0.05 RRF ICAL, 0.05 RRF CCV
CS-E14A-2	G1E180549	SW8260B	SO	2-CHLOROTOLUENE	0.66	ug/kg	U	UJ	c,i	27.44565	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	4-CHLOROTOLUENE	0.91	ug/kg	U	UJ	c,i	27.76096	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	N-BUTYLBENZENE	0.70	ug/kg	U	UJ	c,i	26.88964	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	N-PROPYLBENZENE	0.31	ug/kg	U	UJ	c,i	27.02621	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	SEC-BUTYLBENZENE	0.79	ug/kg	U	UJ	c,i	27.43981	25%D CCV
CS-E14A-2	G1E180549	SW8260B	SO	T-BUTANOL	32	ug/kg	U	UJ	c,i	0.03505, 0.03530	0.05 RRF ICAL, 0.05 RRF CCV
CS-E14A-2	G1E180549	SW8260B	SO	TERT-BUTYLBENZENE	0.57	ug/kg	U	UJ	c,i	28.10475	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	1,2,4-TRIMETHYLBENZENE	0.53	ug/kg	U	UJ	i,c,s	25.39279	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	1,3,5-TRIMETHYLBENZENE	0.37	ug/kg	U	UJ	i,c,s	25.41114	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	1,4-DIOXANE	41	ug/kg	U	UJ	c,s	0.00334, 0.00329	0.05 RRF ICAL, 0.05 RRF CCV
EE-E14A-1	G1E180549	SW8260B	SO	2-CHLOROTOLUENE	0.65	ug/kg	U	UJ	i,c,s	27.44565	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	4-CHLOROTOLUENE	0.90	ug/kg	U	UJ	i,c,s	27.76096	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	N-BUTYLBENZENE	0.69	ug/kg	U	UJ	i,c,s	26.88964	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	N-PROPYLBENZENE	0.30	ug/kg	U	UJ	i,c,s	27.02621	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	SEC-BUTYLBENZENE	0.78	ug/kg	U	UJ	i,c,s	27.43981	25%D CCV
EE-E14A-1	G1E180549	SW8260B	SO	T-BUTANOL	31	ug/kg	U	UJ	c,s	0.03505, 0.03530	0.05 RRF ICAL, 0.05 RRF CCV
EE-E14A-1	G1E180549	SW8260B	SO	TERT-BUTYLBENZENE	0.57	ug/kg	U	UJ	i,c,s	28.10475	25%D CCV
DS-D14-1	280-18231-1	SW8081A	SO	Toxaphene	6700	ug/kg	U*	UJ	c	48.76	20%D ICV
CS-E11-3	280-18231-2	SW8081A	SO	Toxaphene	160	ug/kg	U*	UJ	c	48.76	20%D ICV
DS-E14A-1	G1D260453	SW8081A	SO	METHOXYCHLOR	1600	ug/kg	U	UJ	c	24	20%D CCV
DS-E14A-2	G1D260453	SW8081A	SO	METHOXYCHLOR	2000	ug/kg	U	UJ	c	24	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	4,4'-DDE	110	ug/kg	U	UJ	c	22	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	ALDRIN	110	ug/kg	U	UJ	c	21	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	ALPHA-BHC	450	ug/kg	J PG	J-	c,sp	21	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	ALPHA-CHLORDANE	100	ug/kg	U	UJ	c	22	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	CHLORDANE (TECHNICAL)	680	ug/kg	U	UJ	c	26	20%D CCV
CS-E11-1	G1E050552	SW8081A	SO	GAMMA-CHLORDANE	28	ug/kg	U	UJ	c	22	20%D CCV
DS-E16-1	G1D150605	SW8290	SO	1,2,3,4,7,8-HXCDD	120	pg/g		J+	c	25.1	20%D CCV
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDD	3800	pg/g	B	J	c,fd	39.2	30%D CCV
CS-C07A-1	G1D280608	SW8290	SO	2,3,7,8-TCDF	3.7	pg/g	CON	J-	c	20.3	20%D CCV
CS-C08-1	G1D280608	SW8290	SO	2,3,7,8-TCDF	1.1	pg/g	CON	J-	c	20.3	20%D CCV
CS-C09A-1	G1D280608	SW8290	SO	2,3,7,8-TCDF	1.2	pg/g	CON	J-	c	20.3	20%D CCV

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Result	DQI Limits
DS-D06A-1	G1D280608	SW8290	SO	2,3,7,8-TCDF	59	pg/g	CON	J-	c	20.3	20%D CCV
DS-D06A-2	G1E110471	SW8290	SO	OCDD	2.9	pg/g	J B	J+	c,sp	35.4	30%D CCV
DS-D06A-2	G1E110471	SW8290	SO	OCDF	6.8	pg/g	J B	J+	c,sp	35.4	30%D CCV
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDF	6.2	pg/g	J B	J	bl,c	30.3	30%D CCV
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	3.4	pg/g	J B	J	bl,c	30.3	30%D CCV
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,7,8,9-HXCDF	0.84	pg/g	J	J+	c,sp	30.3	30%D CCV
CS-E14A-3	G1F030418	SW8290	SO	2,3,4,6,7,8-HXCDF	0.75	pg/g	J Q	JK	c,k,sp	30.3	30%D CCV
CS-D08-1	G1F080418	SW8290	SO	2,3,7,8-TCDF	110	pg/g	CON	J	c	45.9	30%D CCV

Note:

* is a lab qualifier noting "LCS or LCSD exceeds the control limits".

ATTACHMENT B

Qualifications based on Surrogate Recovery Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	% Recovery	LCL	UCL
EE-E14A-1	G1E180549	SW8260B	SO	1,1,1,2-TETRACHLOROETHANE	0.43	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1,1-TRICHLOROETHANE	0.38	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1,2,2-TETRACHLOROETHANE	0.71	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1,2-TRICHLOROETHANE	0.46	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1-DICHLOROETHANE	0.30	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1-DICHLOROETHENE	0.27	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,1-DICHLOROPROPENE	0.39	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2,3-TRICHLOROBENZENE	0.78	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2,3-TRICHLOROPROPANE	0.80	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2,4-TRICHLOROBENZENE	1.5	ug/kg	J	J-	i,s,sp	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2,4-TRIMETHYLBENZENE	0.53	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	0.92	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DIBROMOETHANE	0.28	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DICHLOROBENZENE	0.67	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DICHLOROETHANE	0.76	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DICHLOROPROPANE	0.63	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,3,5-TRIMETHYLBENZENE	0.37	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,3-DICHLOROBENZENE	0.31	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,3-DICHLOROPROPANE	0.60	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,4-DICHLOROBENZENE	0.82	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	1,4-DIOXANE	41	ug/kg	U	UJ	c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	2,2-DICHLOROPROPANE	0.40	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	2-BUTANONE (MEK)	1.5	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	2-CHLOROTOLUENE	0.65	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	2-HEXANONE	0.77	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	4-CHLOROTOLUENE	0.90	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	4-METHYL-2-PENTANONE (MIBK)	0.96	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	ACETONE	1.5	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BENZENE	0.27	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BROMOBENZENE	0.54	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BROMOCHLOROMETHANE	0.98	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BROMODICHLOROMETHANE	0.55	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BROMOFORM	0.42	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	BROMOMETHANE	0.90	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CARBON TETRACHLORIDE	0.55	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CHLOROBENZENE	0.30	ug/kg	U	UJ	s	23	63	143

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	% Recovery	LCL	UCL
EE-E14A-1	G1E180549	SW8260B	SO	CHLOROETHANE	0.47	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CHLOROFORM	0.27	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CHLOROMETHANE	0.52	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CIS-1,2-DICHLOROETHENE	0.93	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	CIS-1,3-DICHLOROPROPENE	0.67	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	DIBROMOCHLOROMETHANE	0.22	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	DIBROMOMETHANE	0.61	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	DICHLORODIFLUOROMETHANE	0.93	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	DIISOPROPYL ETHER	5.2	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	HEXACHLOROBUTADIENE	2.2	ug/kg	J	J-	i,s,sp	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	ISOPROPYLBENZENE	0.54	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	METHYL TERT-BUTYL ETHER (MTBE)	0.63	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	METHYLENE CHLORIDE	0.88	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	M-XYLENE & P-XYLENE	0.85	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	NAPHTHALENE	0.66	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	N-BUTYLBENZENE	0.69	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	N-PROPYLBENZENE	0.30	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	O-XYLENE	0.35	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	P-ISOPROPYLTOLUENE	0.66	ug/kg	U	UJ	i,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	SEC-BUTYLBENZENE	0.78	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	STYRENE	0.32	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	T-BUTANOL	31	ug/kg	U	UJ	c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TERT-AMYL METHYL ETHER	5.2	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TERT-BUTYL ETHYL ETHER	5.2	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TERT-BUTYLBENZENE	0.57	ug/kg	U	UJ	i,c,s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TETRACHLOROETHENE	0.64	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TOLUENE	0.64	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TRANS-1,2-DICHLOROETHENE	0.40	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TRANS-1,3-DICHLOROPROPENE	0.78	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TRICHLOROETHENE	0.63	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	TRICHLOROFLUOROMETHANE (FREON 11)	0.36	ug/kg	U	UJ	s	23	63	143
EE-E14A-1	G1E180549	SW8260B	SO	VINYL CHLORIDE	0.38	ug/kg	U	UJ	s	23	63	143
EE-E14B-2	280-16501-	SW8270C	SO	Hexachlorobenzene	11000	ug/kg		J-	s,fd	44,49	50,53	120
DS-C39B-1	280-14716-	SW8081A	SO	4,4'-DDE	14	ug/kg		J+	s	579	63	124
DS-C39B-1	280-14716-	SW8081A	SO	beta-BHC	27	ug/kg		J+	s	579	63	124

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	% Recovery	LCL	UCL
DS-D27-1	280-14716-	SW8081A	SO	4,4'-DDD	2.7	ug/kg	J P	J+	s,sp	1014	63	124
DS-D27-1	280-14716-	SW8081A	SO	4,4'-DDE	81	ug/kg		J+	s	1014	63	124
DS-D27-1	280-14716-	SW8081A	SO	4,4'-DDT	14	ug/kg		J	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Aldrin	0.25	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	alpha-BHC	0.80	ug/kg	J	J	s,sp	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	alpha-Chlordane	0.32	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	beta-BHC	59	ug/kg		J+	s	1014	63	124
DS-D27-1	280-14716-	SW8081A	SO	Chlordane (technical)	0.21	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	delta-BHC	0.39	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Dieldrin	0.21	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endosulfan I	0.17	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endosulfan II	0.28	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endosulfan sulfate	0.27	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endrin	0.70	ug/kg	J P	J	s,sp	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endrin aldehyde	0.17	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Endrin ketone	0.48	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	gamma-BHC (Lindane)	0.46	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	gamma-Chlordane	0.26	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Heptachlor	0.21	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Heptachlor epoxide	0.42	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Hexachlorobenzene	74	ug/kg		J+	s	1014	63	124
DS-D27-1	280-14716-	SW8081A	SO	Methoxychlor	0.44	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-1	280-14716-	SW8081A	SO	Toxaphene	16	ug/kg	U	UJ	s	58, 754	59, 63	115, 124
DS-D27-2	280-14716-	SW8081A	SO	4,4'-DDD	1.4	ug/kg	J	J+	s,sp	400	63	124
DS-D27-2	280-14716-	SW8081A	SO	4,4'-DDE	85	ug/kg		J+	s	477	63	124
DS-D27-2	280-14716-	SW8081A	SO	4,4'-DDT	10	ug/kg		J+	s	400	63	124
DS-D27-2	280-14716-	SW8081A	SO	alpha-BHC	0.24	ug/kg	J P ^	J+	s,sp	400	63	124
DS-D27-2	280-14716-	SW8081A	SO	beta-BHC	28	ug/kg		J+	s	400	63	124
DS-D27-2	280-14716-	SW8081A	SO	Hexachlorobenzene	78	ug/kg		J+	s	477	63	124
DS-E16-1	280-14718-	SW8081A	SO	4,4'-DDD	0.66	ug/kg	J P	J+	s,sp	14543	63	124
DS-E16-1	280-14718-	SW8081A	SO	4,4'-DDE	12	ug/kg	P	J+	s	14543	63	124
DS-E16-1	280-14718-	SW8081A	SO	Aldrin	6.1	ug/kg	P	J+	s	14543	63	124
DS-E16-1	280-14718-	SW8081A	SO	alpha-BHC	13	ug/kg	P	J+	s	14543	63	124
DS-E16-1	280-14718-	SW8081A	SO	Endosulfan I	5.3	ug/kg	P	J+	s	14543	63	124
DS-E16-1	280-14718-	SW8081A	SO	gamma-BHC (Lindane)	3.4	ug/kg		J+	s	14543	63	124
DS-DB-2	280-14924-	SW8081A	SO	Hexachlorobenzene	11	ug/kg	B	J+	s	147	63	124
CS-E14C-2	280-18328-	SW8081A	SO	Hexachlorobenzene	5.7	ug/kg		J	s	146, 156	63	124

ATTACHMENT C

Qualifications based on Matrix Spike Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	RPD	RPD Limit	MS % Recovery	MSD % Recovery	LCL	UCL
CS-D23-1	280-17578-1	SW6010	SO	Magnesium	13000	mg/kg		J	m,sd				67	75	125
CS-D23-2	280-17578-1	SW6010	SO	Magnesium	9400	mg/kg		J	m,sd				67	75	125
CS-D23-3	280-17578-1	SW6010	SO	Magnesium	8700	mg/kg		J	m,sd				67	75	125
CS-D23-4	280-17578-1	SW6010	SO	Magnesium	8300	mg/kg		J	m,sd				67	75	125
CS-C10B-1	280-18594-1	SW6010	SO	Magnesium	18000	mg/kg		J	m,sd				41	75	125
DS-E14C-1	280-18595-1	SW6010	SO	Manganese	6300	mg/kg		J	ld	28	20				
CS-E14A-1	G1E180549	SW6010	SO	Magnesium	13000	mg/kg	J	J-	m,sp			0	0	75	125
CS-E14A-2	G1E180549	SW6010	SO	Magnesium	10900	mg/kg	J	J-	m,sp			0	0	75	125
EE-E14A-1	G1E180549	SW6010	SO	Magnesium	10100	mg/kg	J	J-	m,sp			0	0	75	125
CS-C44-1	G1E180550	SW6010	SO	Cobalt	131	mg/kg		J-	m,sd			0	0	75	125
CS-E14C-2	280-18328-1	SW6020	SO	Lead	75	mg/kg		J+	m				158	75	125
DS-E14C-1	280-18595-1	SW6020	SO	Lead	50	mg/kg	B	J+	m			133		75	125
DS-C08-1	G1D210492	SW6020	SO	Arsenic	3.0	mg/kg		J-	m			73	27	75	125
DS-C09A-1	G1D210492	SW6020	SO	Arsenic	8.2	mg/kg		J-	m			73	27	75	125
DS-C10-1	G1D210492	SW6020	SO	Arsenic	3.1	mg/kg		J-	m			73	27	75	125
DS-C10A-1	G1D210492	SW6020	SO	Arsenic	11.9	mg/kg		J-	m			73	27	75	125
DS-C11-1	G1D210492	SW6020	SO	Arsenic	3.2	mg/kg		J-	m			73	27	75	125
DS-C19-1	G1D210492	SW6020	SO	Arsenic	45.7	mg/kg		J-	m			73	27	75	125
DS-C23-1	G1D210492	SW6020	SO	Arsenic	707	mg/kg		J-	m			73	27	75	125
DS-C25-1	G1D210492	SW6020	SO	Arsenic	16.4	mg/kg		J-	m			73	27	75	125
CS-C01-1	G1D220435	SW6020	SO	Arsenic	2.3	mg/kg		J-	m			0	0	75	125
CS-C01-2	G1D220435	SW6020	SO	Arsenic	2.7	mg/kg		J-	m			0	0	75	125
CS-C07B-1	G1D220435	SW6020	SO	Arsenic	2.8	mg/kg		J-	m			0	0	75	125
CS-C07B-2	G1D220435	SW6020	SO	Arsenic	2.8	mg/kg		J-	m			0	0	75	125
CS-C08-2	G1D220435	SW6020	SO	Arsenic	3.6	mg/kg		J-	m			0	0	75	125
DS-D23-1	G1D220435	SW6020	SO	Arsenic	67.0	mg/kg		J-	m			0	0	75	125
DS-DB-1	G1D220435	SW6020	SO	Arsenic	6.0	mg/kg		J-	m			0	0	75	125
DS-DB-2	G1D220435	SW6020	SO	Arsenic	5.3	mg/kg		J-	m			0	0	75	125
DS-DC-1	G1D220435	SW6020	SO	Arsenic	1.7	mg/kg		J-	m			0	0	75	125
EE-C01-1	G1D220435	SW6020	SO	Arsenic	4.1	mg/kg		J-	m			0	0	75	125
DS-E14A-1	G1D260453	SW6020	SO	Arsenic	120	mg/kg		J-	m			45	74	75	125
DS-E14A-1	G1D260453	SW6020	SO	Cadmium	0.85	mg/kg		J-	m			54	66	75	125
DS-E14A-2	G1D260453	SW6020	SO	Arsenic	119	mg/kg		J-	m			45	74	75	125
DS-E14A-2	G1D260453	SW6020	SO	Cadmium	1.2	mg/kg		J-	m			54	66	75	125
CS-E14A-1	G1E180549	SW6020	SO	Arsenic	3.2	mg/kg		J-	m			49	52	75	125
CS-E14A-2	G1E180549	SW6020	SO	Arsenic	4.4	mg/kg		J-	m			49	52	75	125
EE-E14A-1	G1E180549	SW6020	SO	Arsenic	2.1	mg/kg		J-	m			49	52	75	125

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	RPD	RPD Limit	MS % Recovery	MSD % Recovery	LCL	UCL
CS-C44-1	G1E180550	SW6020	SO	Arsenic	3.6	mg/kg		J-	m			49	52	75	125
EE-D25A-1	G1E180550	SW6020	SO	Arsenic	32.2	mg/kg		J-	m			49	52	75	125
CS-C42-1	G1F080418	SW6020	SO	Arsenic	2.1	mg/kg		J-	m			74	71	75	125

ATTACHMENT D

Qualifications based on Laboratory Control Spike Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	RPD	RPD Limit	LCS %R	LCSD %R	LCL	UCL
DS-C39B-1	G1D150604	SW8290	SO	2,3,7,8-TCDD	66	pg/g		J+	l			146		77	130
DS-C39B-1	G1D150604	SW8290	SO	2,3,7,8-TCDF	910	pg/g	CON	J+	l			148		79	137
DS-D27-1	G1D150604	SW8290	SO	2,3,7,8-TCDD	31	pg/g		J+	l			146		77	130
DS-D27-1	G1D150604	SW8290	SO	2,3,7,8-TCDF	700	pg/g	CON	J+	l			148		79	137
DS-D27-2	G1D150604	SW8290	SO	2,3,7,8-TCDD	78	pg/g		J+	l			146		77	130
DS-D27-2	G1D150604	SW8290	SO	2,3,7,8-TCDF	1200	pg/g	CON	J+	l			148		79	137
DS-E16-1	G1D150605	SW8290	SO	2,3,7,8-TCDD	74	pg/g		J+	l			146		77	130
DS-E16-1	G1D150605	SW8290	SO	2,3,7,8-TCDF	1400	pg/g	CON	J+	l			148		79	137
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HpCDF	4300000	pg/g	E G B S	J	e,l			154		81	137
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,7,8-HxCDF	1900000	pg/g	E G Q B	JK	e,k,l			146		72	140
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,7,8-PeCDF	1800000	pg/g	E G B	J	e,l			142		81	134
DS-E14A-1	G1D260453	SW8290	SO	2,3,7,8-TCDF	1100000	pg/g	E G CON	J	e,l			297		79	137
DS-E14A-1	G1D260453	SW8290	SO	OCDF	8500000	pg/g	E G B S	J	e,l			144		75	141
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HpCDF	3200000	pg/g	E G B S	J	e,l			154		81	137
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,7,8-HxCDF	1600000	pg/g	E G B	J	e,l			146		72	140
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,7,8-PeCDF	950000	pg/g	E G B	J	e,l			142		81	134
DS-E14A-2	G1D260453	SW8290	SO	2,3,7,8-TCDF	650000	pg/g	E G CON	J	e,l			297		79	137
DS-E14A-2	G1D260453	SW8290	SO	OCDF	6600000	pg/g	E G B S	J	e,l			144		75	141

ATTACHMENT E

Qualifications based on Internal Standard Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-E14A-2	G1E180549	SW8260B	SO	1,1,1,2-TETRACHLOROETHANE	0.43	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1,1-TRICHLOROETHANE	0.38	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1,2,2-TETRACHLOROETHANE	0.72	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1,2-TRICHLOROETHANE	0.47	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1-DICHLOROETHANE	0.31	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1-DICHLOROETHENE	0.27	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,1-DICHLOROPROPENE	0.39	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2,3-TRICHLOROBENZENE	0.79	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2,3-TRICHLOROPROPANE	0.80	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2,4-TRICHLOROBENZENE	0.79	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2,4-TRIMETHYLBENZENE	0.54	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	0.93	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2-DIBROMOETHANE	0.29	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2-DICHLOROBENZENE	0.68	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-E14A-2	G1E180549	SW8260B	SO	1,2-DICHLOROETHANE	0.77	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,2-DICHLOROPROPANE	0.63	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,3,5-TRIMETHYLBENZENE	0.37	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,3-DICHLOROBENZENE	0.32	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,3-DICHLOROPROPANE	0.60	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,4-DICHLOROBENZENE	0.82	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	1,4-DIOXANE	41	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	2,2-DICHLOROPROPANE	0.40	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	2-BUTANONE (MEK)	1.5	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	2-CHLOROTOLUENE	0.66	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	2-HEXANONE	1.1	ug/kg	J	J	i,sp	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	4-CHLOROTOLUENE	0.91	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	4-METHYL-2-PENTANONE (MIBK)	0.97	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	ACETONE	11	ug/kg	J	J	i,sp	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-E14A-2	G1E180549	SW8260B	SO	BENZENE	0.27	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	BROMOBENZENE	0.55	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	BROMOCHLOROMETHANE	0.99	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	BROMODICHLOROMETHANE	0.56	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	BROMOFORM	0.42	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	BROMOMETHANE	0.91	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CARBON TETRACHLORIDE	0.56	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CHLOROBENZENE	0.31	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CHLOROETHANE	0.48	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CHLOROFORM	0.27	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CHLOROMETHANE	0.53	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CIS-1,2-DICHLOROETHENE	0.94	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	CIS-1,3-DICHLOROPROPENE	0.68	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	DIBROMOCHLOROMETHANE	0.22	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-E14A-2	G1E180549	SW8260B	SO	DIBROMOMETHANE	0.61	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	DICHLORODIFLUOROMETHANE	0.94	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	DIISOPROPYL ETHER	5.3	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	HEXACHLOROBUTADIENE	0.77	ug/kg	J	J	i,sp	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	ISOPROPYLBENZENE	0.55	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	METHYL TERT-BUTYL ETHER (MTBE)	0.63	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	METHYLENE CHLORIDE	0.89	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	M-XYLENE & P-XYLENE	0.86	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	NAPHTHALENE	0.67	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	N-BUTYLBENZENE	0.70	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	N-PROPYLBENZENE	0.31	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	O-XYLENE	0.42	ug/kg	J	J	i,sp	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	P-ISOPROPYLTOLUENE	0.67	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	SEC-BUTYLBENZENE	0.79	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-E14A-2	G1E180549	SW8260B	SO	STYRENE	0.33	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	T-BUTANOL	32	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TERT-AMYL METHYL ETHER	5.3	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TERT-BUTYL ETHYL ETHER	5.3	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TERT-BUTYLBENZENE	0.57	ug/kg	U	UJ	c,i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TETRACHLOROETHENE	0.65	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TOLUENE	0.65	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TRANS-1,2-DICHLOROETHENE	0.40	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TRANS-1,3-DICHLOROPROPENE	0.79	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TRICHLOROETHENE	0.63	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	TRICHLOROFLUOROMETHANE (FREON 11)	0.36	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
CS-E14A-2	G1E180549	SW8260B	SO	VINYL CHLORIDE	0.38	ug/kg	U	UJ	i	507310, 460078, 364264	768896-3075584, 655514-2622056, 448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,1,2,2-TETRACHLOROETHANE	0.71	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,2,3-TRICHLOROPROPANE	0.80	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,2,4-TRICHLOROBENZENE	1.5	ug/kg	J	J-	i,s,sp	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,2,4-TRIMETHYLBENZENE	0.53	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,2-DICHLOROBENZENE	0.67	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,3,5-TRIMETHYLBENZENE	0.37	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,3-DICHLOROBENZENE	0.31	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	1,4-DICHLOROBENZENE	0.82	ug/kg	U	UJ	i,s	154393	448081-1792324

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
EE-E14A-1	G1E180549	SW8260B	SO	2-CHLOROTOLUENE	0.65	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	4-CHLOROTOLUENE	0.90	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	BROMOBENZENE	0.54	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	HEXACHLOROBUTADIENE	2.2	ug/kg	J	J-	i,s,sp	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	NAPHTHALENE	0.66	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	N-BUTYLBENZENE	0.69	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	N-PROPYLBENZENE	0.30	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	P-ISOPROPYLTOLUENE	0.66	ug/kg	U	UJ	i,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	SEC-BUTYLBENZENE	0.78	ug/kg	U	UJ	i,c,s	154393	448081-1792324
EE-E14A-1	G1E180549	SW8260B	SO	TERT-BUTYLBENZENE	0.57	ug/kg	U	UJ	i,c,s	154393	448081-1792324
DS-C24-2	G1E040615	SW8270C	SO	BENZO(A)PYRENE	870	ug/kg		J	i	765937	187769-751076
DS-C24-2	G1E040615	SW8270C	SO	BENZO(B)FLUORANTHENE	1500	ug/kg		J	i	765937	187769-751076
DS-C24-2	G1E040615	SW8270C	SO	BENZO(GHI)PERYLENE	790	ug/kg		J	i	765937	187769-751076
DS-C24-2	G1E040615	SW8270C	SO	BENZO(K)FLUORANTHENE	1400	ug/kg		J	i	765937	187769-751076
DS-C24-2	G1E040615	SW8270C	SO	DIBENZO(A,H)ANTHRACENE	200	ug/kg	J	J	i,sp	765937	187769-751076
DS-C24-2	G1E040615	SW8270C	SO	INDENO(1,2,3-CD)PYRENE	870	ug/kg		J	i	765937	187769-751076
CS-C42-1	G1F080418	SW8280	SO	1,2,3,4,6,7,8-HpCDD	0.70	ng/g	J	J	i,sp	23	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	1,2,3,4,6,7,8-HpCDF	7.7	ng/g		J	i	24	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	1,2,3,4,7,8-HxCDD	0.56	ng/g	U	UJ	i	23	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	1,2,3,6,7,8-HxCDD	0.52	ng/g	U	UJ	i	23	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	1,2,3,7,8,9-HxCDD	0.41	ng/g	U	UJ	i	23	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	1,2,3,7,8-PeCDF	2.3	ng/g	J	J	i,sp	9.2	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	2,3,4,7,8-PeCDF	1.6	ng/g	J	J	i,sp	9.2	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	2,3,7,8-TCDF	2.8	ng/g		J	i	9.2	%R (40-135)
CS-C42-1	G1F080418	SW8280	SO	OCDF	28	ng/g		J	i	24	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,6,7,8-HpCDD	8.7	pg/g	B	J	i	16	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,6,7,8-HpCDF	110	pg/g		J	i	15	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,7,8,9-HpCDF	56	pg/g		J	i	15	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,7,8-HxCDF	50	pg/g		J	i	32	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,6,7,8-HxCDF	33	pg/g		J	i	32	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,7,8,9-HxCDF	5.6	pg/g		J	i	32	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	2,3,4,6,7,8-HxCDF	11	pg/g		J	i	32	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	OCDD	12	pg/g	B	J	i	9.5	%R (40-135)
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	OCDF	280	pg/g		J	i	9.5	%R (40-135)
DS-D27-2	G1D150604	SW8290	SO	OCDD	1400	pg/g		J	i	33	%R (40-135)
DS-D27-2	G1D150604	SW8290	SO	OCDF	33000	pg/g	E G	J	e,i	33	%R (40-135)
CS-C06-1	G1D150605	SW8290	SO	1,2,3,4,6,7,8-HPCDD	1.3	pg/g	U	UJ	i	31	%R (40-135)
CS-C06-1	G1D150605	SW8290	SO	1,2,3,4,6,7,8-HPCDF	0.90	pg/g	J Q B	JK	i,k,sp	33	%R (40-135)
CS-C06-1	G1D150605	SW8290	SO	1,2,3,4,7,8,9-HPCDF	0.73	pg/g	U	UJ	i	33	%R (40-135)
CS-C06-1	G1D150605	SW8290	SO	OCDD	3.9	pg/g	Q J	JK	bl,i,k	24	%R (40-135)
CS-C06-1	G1D150605	SW8290	SO	OCDF	3.3	pg/g	U	UJ	i	24	%R (40-135)
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.34	pg/g	J Q B	JK	bl,i,k	35	%R (40-135)
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,6,7,8-HPCDF	1.4	pg/g	J B	J	i,sp	36	%R (40-135)

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8,9-HPCDF	0.40	pg/g	J Q B	JK	bl,i,k	36	%R (40-135)
DS-C18-1	G1E040615	SW8290	SO	OCDD	3.6	pg/g	J B	J	bl,i	16	%R (40-135)
DS-C18-1	G1E040615	SW8290	SO	OCDF	2.7	pg/g	J B	J	i,sp	16	%R (40-135)
DS-C18-2	G1E040615	SW8290	SO	OCDD	2.8	pg/g	J B	J	bl,i	33	%R (40-135)
DS-C18-2	G1E040615	SW8290	SO	OCDF	4.6	pg/g	J B	J	i,sp	33	%R (40-135)
CS-E08A-1	G1E050552	SW8290	SO	OCDD	7.6	pg/g	B	J	i	22	%R (40-135)
CS-E08A-1	G1E050552	SW8290	SO	OCDF	130	pg/g	B	J	i	22	%R (40-135)
CS-E14B-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.76	pg/g	U	UJ	i	30	%R (40-135)
CS-E14B-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	2.8	pg/g	J B	J	i,sp	30	%R (40-135)
CS-E14B-1	G1F030418	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.5	pg/g	J	J	i,sp	30	%R (40-135)
CS-E14B-1	G1F030418	SW8290	SO	OCDD	3.1	pg/g	J B	J	bl,i	20	%R (40-135)
CS-E14B-1	G1F030418	SW8290	SO	OCDF	13	pg/g	B	J	i	20	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	1.1	pg/g	J Q B	JK	i,k,sp	24	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	11	pg/g	B	J	i	21	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8,9-HPCDF	6.7	pg/g		J	i	21	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDD	0.25	pg/g	J Q	JK	i,k,sp	35	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDF	6.3	pg/g	B	J	i	36	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDD	0.40	pg/g	J Q	JK	i,k,sp	35	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	2.8	pg/g	J B	J	i,sp	36	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,7,8,9-HXCDD	0.28	pg/g	J Q	JK	i,k,sp	35	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,7,8,9-HXCDF	0.58	pg/g	U	UJ	i	36	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	2,3,4,6,7,8-HXCDF	0.62	pg/g	J	J	i,sp	36	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	OCDD	3.6	pg/g	J B	J	bl,i	14	%R (40-135)
CS-E14C-1	G1F030418	SW8290	SO	OCDF	33	pg/g	B	J	i	14	%R (40-135)
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.79	pg/g	J B	J	bl,i	37	%R (40-135)
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	1.4	pg/g	J Q B	JK	bl,i,k	36	%R (40-135)
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.1	pg/g	J	J	i,sp	36	%R (40-135)
EE-E14C-1	G1F030418	SW8290	SO	OCDD	1.2	pg/g	J B	J	bl,i	24	%R (40-135)
EE-E14C-1	G1F030418	SW8290	SO	OCDF	3.6	pg/g	J B	J	i,sp	24	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDD	0.64	pg/g	J	J	i,sp	23	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	4.7	pg/g	JB	J	i,sp	21	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,4,7,8,9-HpCDF	2.3	pg/g	JB	J	i,sp	21	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDD	0.24	pg/g	J	J	i,sp	27	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDF	1.9	pg/g	JB	J	i,sp	22	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDD	0.53	pg/g	J	J	i,sp	27	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDF	1.3	pg/g	JB	J	i,sp	22	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDD	0.39	pg/g	J	J	i,sp	27	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDF	0.52	pg/g	JQ	JK	i,k,sp	22	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDD	0.43	pg/g	U	UJ	i	22	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDF	1.9	pg/g	J	J	i,sp	20	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	2,3,4,6,7,8-HxCDF	0.56	pg/g	J	J	i,sp	22	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	2,3,4,7,8-PeCDF	0.52	pg/g	U	UJ	i	20	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	2,3,7,8-TCDD	0.35	pg/g	U	UJ	i	19	%R (40-135)

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-DA-1	G1F080418	SW8290	SO	2,3,7,8-TCDF	1.3	pg/g	BCON	J	i	23	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	OCDD	3.4	pg/g	JB	J	i,sp	19	%R (40-135)
CS-DA-1	G1F080418	SW8290	SO	OCDF	12	pg/g	B	J	i	19	%R (40-135)
CS-DB-2	G1F080418	SW8290	SO	2,3,7,8-TCDD	13	pg/g		J	i	38	%R (40-135)
CS-DB-2	G1F080418	SW8290	SO	2,3,7,8-TCDF	310	pg/g	CONB	J	i	38	%R (40-135)
EE-D10-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDD	95	pg/g		J	i	37	%R (40-135)
EE-D10-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDF	610	pg/g		J	i	36	%R (40-135)
EE-D10-1	G1F080418	SW8290	SO	2,3,4,7,8-PeCDF	410	pg/g		J	i	36	%R (40-135)
EE-D10-1	G1F080418	SW8290	SO	2,3,7,8-TCDD	16	pg/g		J	i	29	%R (40-135)
EE-D10-1	G1F080418	SW8290	SO	2,3,7,8-TCDF	230	pg/g	CONB	J	i	32	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDD	80	pg/g		J	i	38	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDF	2400	pg/g	GB	J	i	36	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDD	220	pg/g		J	i	38	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDF	1700	pg/g	GB	J	i	36	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDD	190	pg/g		J	i	38	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDF	300	pg/g	G	J	i	36	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDD	140	pg/g		J	i	31	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	1,2,3,7,8-PeCDF	1300	pg/g	G	J	i	29	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	2,3,4,6,7,8-HxCDF	430	pg/g	G	J	i	36	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	2,3,4,7,8-PeCDF	830	pg/g	G	J	i	29	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	2,3,7,8-TCDD	28	pg/g		J	i	24	%R (40-135)
EE-DB-1	G1F080418	SW8290	SO	2,3,7,8-TCDF	550	pg/g	CONB	J	i	28	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDD	1500	pg/g		J	i	26	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	7300	pg/g	EB	J	e,i	25	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,7,8,9-HpCDF	2400	pg/g	B	J	i	25	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDD	120	pg/g		J	i	22	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDF	2800	pg/g	GB	J	i	18	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDD	420	pg/g		J	i	22	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDF	2100	pg/g	GB	J	i	18	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDD	320	pg/g		J	i	22	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDF	300	pg/g	G	J	i	18	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,7,8-PeCDD	210	pg/g		J	i	14	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	1,2,3,7,8-PeCDF	1600	pg/g		J	i	12	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	2,3,4,6,7,8-HxCDF	650	pg/g	G	J	i	18	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	2,3,4,7,8-PeCDF	1100	pg/g		J	i	12	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	2,3,7,8-TCDD	35	pg/g	G	J	i	8.8	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	2,3,7,8-TCDF	590	pg/g	GCONB	J	i	9.7	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	OCDD	1700	pg/g	B	J	i	32	%R (40-135)
EE-DB-2	G1F080418	SW8290	SO	OCDF	28000	pg/g	EB	J	e,i	32	%R (40-135)
CS-D25-1	G1F080478	SW8290	SO	1,2,3,4,6,7,8-HpCDD	58	pg/g	B	J	i	39	%R (40-135)
CS-D25-1	G1F080478	SW8290	SO	1,2,3,4,6,7,8-HpCDF	820	pg/g	B	J	i	37	%R (40-135)
CS-D25-1	G1F080478	SW8290	SO	1,2,3,4,7,8,9-HpCDF	400	pg/g	B	J	i	37	%R (40-135)
CS-D25-1	G1F080478	SW8290	SO	OCDD	64	pg/g	B	J	i	28	%R (40-135)

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	DQI Results	Acceptance Limits
CS-D25-1	G1F080478	SW8290	SO	OCDF	2400	pg/g	B	J	i	28	%R (40-135)
CS-D25-2	G1F080478	SW8290	SO	OCDD	96	pg/g	B	J	i	36	%R (40-135)
CS-D25-2	G1F080478	SW8290	SO	OCDF	3000	pg/g	B	J	i	36	%R (40-135)
CS-C15-1	G1F200452	SW8290	SO	OCDD	18	pg/g	U	UJ	i	26	%R (40-135)
CS-C15-1	G1F200452	SW8290	SO	OCDF	27	pg/g	JB	J	i,sp	26	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,4,6,7,8-HpCDD	59	pg/g		J	i	10	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,4,6,7,8-HpCDF	690	pg/g	B	J	i	10	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,4,7,8,9-HpCDF	350	pg/g	B	J	i	10	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,4,7,8-HxCDD	6.8	pg/g		J	i	20	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,4,7,8-HxCDF	290	pg/g	B	J	i	19	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,6,7,8-HxCDD	17	pg/g		J	i	20	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,6,7,8-HxCDF	190	pg/g	B	J	i	19	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,7,8,9-HxCDD	14	pg/g		J	i	20	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,7,8,9-HxCDF	45	pg/g		J	i	19	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,7,8-PeCDD	13	pg/g		J	i	32	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	1,2,3,7,8-PeCDF	160	pg/g	B	J	i	36	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	2,3,4,6,7,8-HxCDF	59	pg/g		J	i	19	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	2,3,4,7,8-PeCDF	85	pg/g		J	i	36	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	OCDD	63	pg/g	B	J	i	7.4	%R (40-135)
CS-E11-3	G1G200427	SW8290	SO	OCDF	1800	pg/g	B	J	i	7.4	%R (40-135)
CS-C10B-1	G1G290418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	130	pg/g	B	J	i	35	%R (40-135)
CS-C10B-1	G1G290418	SW8290	SO	OCDD	130	pg/g	B	J	i	29	%R (40-135)
CS-C10B-1	G1G290418	SW8290	SO	OCDF	3500	pg/g	B	J	i	29	%R (40-135)
CS-D25A-1	G1H050420	SW8290	SO	1,2,3,4,6,7,8-HpCDD	74	pg/g	B	J	i	35	%R (40-135)
CS-D25A-1	G1H050420	SW8290	SO	1,2,3,4,6,7,8-HpCDF	760	pg/g	B	J	i	35	%R (40-135)
CS-D25A-1	G1H050420	SW8290	SO	1,2,3,4,7,8,9-HpCDF	330	pg/g	B	J	i	35	%R (40-135)
CS-D25A-1	G1H050420	SW8290	SO	OCDD	85	pg/g	JB	J	i,sp	26	%R (40-135)
CS-D25A-1	G1H050420	SW8290	SO	OCDF	2300	pg/g	B	J	i	26	%R (40-135)
CS-D25A-2	G1H050420	SW8290	SO	OCDD	1800	pg/g	B	J	i	39	%R (40-135)
CS-D25A-2	G1H050420	SW8290	SO	OCDF	69000	pg/g	EB	J	e,i	39	%R (40-135)
CS-D31A-1	G1I010460	SW8290	SO	OCDD	12	pg/g	B	J	i	35	%R (40-135)
CS-D31A-1	G1I010460	SW8290	SO	OCDF	26	pg/g	B	J	i	35	%R (40-135)

ATTACHMENT F

Qualifications based on Serial Dilution Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	%D	Acceptance Limit
CS-C06-1	280-14714-1	SW6010	SO	Magnesium	9200	mg/kg		J	sd	14	10
CS-C15-1	280-17185-1	SW6010	SO	Manganese	5400	mg/kg	B	J	sd	18	10
EE-C13-1	280-17185-2	SW6010	SO	Manganese	490	mg/kg	B	J	sd	18	10
EE-C15-1	280-17185-2	SW6010	SO	Manganese	7900	mg/kg	B	J	sd	18	10
EE-C15-2	280-17185-2	SW6010	SO	Manganese	22000	mg/kg	B	J	sd	18	10
CS-C22A-1	280-17365-1	SW6010	SO	Manganese	2600	mg/kg		J	sd	16	10
CS-C26-1	280-17365-1	SW6010	SO	Manganese	280	mg/kg		J	sd	16	10
CS-D23-1	280-17578-1	SW6010	SO	Magnesium	13000	mg/kg		J	m,sd	12	10
CS-D23-2	280-17578-1	SW6010	SO	Magnesium	9400	mg/kg		J	m,sd	12	10
CS-D23-3	280-17578-1	SW6010	SO	Magnesium	8700	mg/kg		J	m,sd	12	10
CS-D23-4	280-17578-1	SW6010	SO	Magnesium	8300	mg/kg		J	m,sd	12	10
CS-C10B-1	280-18594-1	SW6010	SO	Cobalt	6.4	mg/kg		J	sd	15	10
CS-C10B-1	280-18594-1	SW6010	SO	Magnesium	18000	mg/kg		J	m,sd	11	10
CS-C10B-1	280-18594-1	SW6010	SO	Manganese	490	mg/kg		J	sd	17	10
CS-C44-1	G1E180550	SW6010	SO	Cobalt	131	mg/kg		J-	m,sd	19.9	10
CS-D24-1	G1F080478	SW6020	SO	Arsenic	156	mg/kg		J	sd	16.6	10
CS-D25-1	G1F080478	SW6020	SO	Arsenic	7.9	mg/kg		J	sd	16.6	10
CS-D25-2	G1F080478	SW6020	SO	Arsenic	2.6	mg/kg		J	sd	16.6	10
EE-D25-1	G1F080478	SW6020	SO	Arsenic	226	mg/kg		J	sd	16.6	10

ATTACHMENT G

Qualifications based on Field Duplicate Exceedances

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	Lab Qualifiers	Validation Qualifier	Validation Reason Code	RPD	Limits	Difference	Diff Limit
SSAQ6-02-0.3_01_BPC	280-12420-	SW8270C	SO	Benzo(b)fluoranthene	850	380	ug/kg		J	fd			750	380
SSAQ6-02-0.3_01_BPC	280-12420-	SW8270C	SO	Chrysene	470	380	ug/kg		J	fd			480	380
SSAQ6-02-0.3_01_BPC	280-12420-	SW8270C	SO	Fluoranthene	760	380	ug/kg		J	fd			940	380
SSAQ6-02-0.3_01_BPC	280-12420-	SW8270C	SO	Pyrene	590	380	ug/kg		J	fd			710	380
SSAQ6-02-0.3_01_BPC FD	280-12420-	SW8270C	SO	Benzo(b)fluoranthene	1600	380	ug/kg		J	fd			750	380
SSAQ6-02-0.3_01_BPC FD	280-12420-	SW8270C	SO	Chrysene	950	380	ug/kg		J	fd			480	380
SSAQ6-02-0.3_01_BPC FD	280-12420-	SW8270C	SO	Fluoranthene	1700	380	ug/kg		J	fd			940	380
SSAQ6-02-0.3_01_BPC FD	280-12420-	SW8270C	SO	Pyrene	1300	380	ug/kg		J	fd			710	380
EE-E14B-1	280-16501-	SW8270C	SO	Hexachlorobenzene	33000	3700	ug/kg		J	fd	100	50		
EE-E14B-2	280-16501-	SW8270C	SO	Hexachlorobenzene	11000	1400	ug/kg		J-	s,fd	100	50		
DS-C24-1	G1E040615	SW8270C	SO	Butyl Benzyl Phthalate	15000	1700	ug/kg	Q	J	fd			14660	1700
DS-C24-2	G1E040615	SW8270C	SO	Butyl Benzyl Phthalate	98	340	ug/kg	U	UJ	fd			14660	1700
DS-C24-1	G1E040615	SW8270C SIM	SO	Benzo(a)anthracene	360	200	ug/kg		J	fd			540	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Benzo(a)pyrene	460	200	ug/kg		J	fd			470	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Benzo(b)fluoranthene	900	200	ug/kg		J	fd			600	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Benzo(ghi)perylene	500	200	ug/kg		J	fd			280	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Benzo(k)fluoranthene	620	200	ug/kg		J	fd			480	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Chrysene	740	200	ug/kg		J	fd			660	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Fluoranthene	710	200	ug/kg		J	fd			890	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Indeno(1,2,3-cd)pyrene	450	200	ug/kg		J	fd			260	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Phenanthrene	180	200	ug/kg	J	J	fd,sp			410	220
DS-C24-1	G1E040615	SW8270C SIM	SO	Pyrene	720	200	ug/kg		J	fd			980	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Benzo(a)anthracene	900	220	ug/kg		J	fd			540	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Benzo(a)pyrene	930	220	ug/kg		J	fd			470	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Benzo(b)fluoranthene	1500	220	ug/kg		J	fd			600	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Benzo(ghi)perylene	780	220	ug/kg		J	fd			280	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Benzo(k)fluoranthene	1100	220	ug/kg		J	fd			480	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Chrysene	1400	220	ug/kg		J	fd			660	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Fluoranthene	1600	220	ug/kg		J	fd			890	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Indeno(1,2,3-cd)pyrene	710	220	ug/kg		J	fd			260	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Phenanthrene	590	220	ug/kg		J	fd			410	220
DS-C24-2	G1E040615	SW8270C SIM	SO	Pyrene	1700	220	ug/kg		J	fd			980	220
SSAO5-09-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,6,7,8-HxCDD	240	56	pg/g		J	fd			80	56
SSAO5-09-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,7,8,9-HxCDD	230	56	pg/g		J	fd			60	56
SSAO5-09-0.0_01_BPC	G1B120441	SW8290	SO	1,2,3,7,8,9-HxCDF	350	86	pg/g	G	J	fd			100	86
SSAO5-09-0.0_01_BPC	G1B120441	SW8290	SO	2,3,7,8-TCDD	48	11	pg/g		J	fd			12	11
SSAO5-09-0.0_01_BPC_FD	G1B120441	SW8290	SO	1,2,3,6,7,8-HxCDD	320	55	pg/g		J	fd			80	56
SSAO5-09-0.0_01_BPC_FD	G1B120441	SW8290	SO	1,2,3,7,8,9-HxCDD	290	55	pg/g		J	fd			60	56
SSAO5-09-0.0_01_BPC_FD	G1B120441	SW8290	SO	1,2,3,7,8,9-HxCDF	450	86	pg/g	G	J	fd			100	86
SSAO5-09-0.0_01_BPC_FD	G1B120441	SW8290	SO	2,3,7,8-TCDD	60	11	pg/g		J	fd			12	11
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HpCDD	3800	62	pg/g	B	J	c,fd	110	50		

Sample ID	SDG	Method	Matrix	Analyte	Result	RL	Units	Lab Qualifiers	Validation Qualifier	Validation Reason Code	RPD	Limits	Difference	Diff Limit
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HpCDF	27000	62	pg/g	E B	J	e,fd	158	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,7,8,9-HpCDF	11000	62	pg/g	B	J	fd	172	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HxCDD	610	62	pg/g	B	J	fd	144	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HxCDF	14000	140	pg/g	G B	J	fd	154	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HxCDD	1100	62	pg/g	B	J	fd	103	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HxCDF	7500	110	pg/g	G B	J	fd	149	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,7,8,9-HxCDD	990	62	pg/g	B	J	fd	95	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,7,8,9-HxCDF	1100	150	pg/g	G B	J	fd	164	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,7,8-PeCDD	700	62	pg/g	B	J	fd	122	50		
DS-DB-1	G1D220435	SW8290	SO	1,2,3,7,8-PeCDF	7400	76	pg/g	G B	J	fd	148	50		
DS-DB-1	G1D220435	SW8290	SO	2,3,4,6,7,8-HxCDF	1700	120	pg/g	G B	J	fd	142	50		
DS-DB-1	G1D220435	SW8290	SO	2,3,4,7,8-PeCDF	4000	77	pg/g	G B	J	fd	144	50		
DS-DB-1	G1D220435	SW8290	SO	2,3,7,8-TCDD	260	12	pg/g	B	J	fd	153	50		
DS-DB-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	5000	12	pg/g	E CON B	J	e,fd	170	50		
DS-DB-1	G1D220435	SW8290	SO	OCDD	3800	120	pg/g	B	J	fd	117	50		
DS-DB-1	G1D220435	SW8290	SO	OCDF	100000	120	pg/g	E B	J	e,fd	157	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HpCDD	1100	3.2	pg/g	B	J	fd	110	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HpCDF	3200	3.2	pg/g	E B	J	e,fd	158	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,7,8,9-HpCDF	830	3.2	pg/g	B	J	fd	172	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,7,8-HxCDD	99	3.2	pg/g	B	J	fd	144	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,7,8-HxCDF	1800	3.2	pg/g	E B	J	e,fd	154	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,6,7,8-HxCDD	350	3.2	pg/g	B	J	fd	103	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,6,7,8-HxCDF	1100	3.2	pg/g	B	J	fd	149	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,7,8,9-HxCDD	350	3.2	pg/g	B	J	fd	95	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,7,8,9-HxCDF	110	3.2	pg/g	B	J	fd	164	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,7,8-PeCDD	170	3.2	pg/g	B	J	fd	122	50		
DS-DB-2	G1D220435	SW8290	SO	1,2,3,7,8-PeCDF	1100	3.2	pg/g	B	J	fd	148	50		
DS-DB-2	G1D220435	SW8290	SO	2,3,4,6,7,8-HxCDF	290	3.2	pg/g	B	J	fd	142	50		
DS-DB-2	G1D220435	SW8290	SO	2,3,4,7,8-PeCDF	650	3.2	pg/g	B	J	fd	144	50		
DS-DB-2	G1D220435	SW8290	SO	2,3,7,8-TCDD	35	0.64	pg/g	B	J	fd	153	50		
DS-DB-2	G1D220435	SW8290	SO	2,3,7,8-TCDF	400	0.64	pg/g	CON B E	J	e,fd	170	50		
DS-DB-2	G1D220435	SW8290	SO	OCDD	1000	6.4	pg/g	B	J	fd	117	50		
DS-DB-2	G1D220435	SW8290	SO	OCDF	12000	6.4	pg/g	E B	J	e,fd	157	50		
SSAO5-09-0.0_01_BPC	280-12451-	SW6020	SO	Arsenic	11	0.67	mg/kg		J	fd	72	50		
SSAO5-09-0.0_01_BPC FD	280-12451-	SW6020	SO	Arsenic	5.2	0.67	mg/kg		J	fd	72	50		
EE-E08A-1	G1E050552	E314.0	SO	Perchlorate	205000	206000	ug/kg	Q	J	fd	86	50		
EE-E08A-2	G1E050552	E314.0	SO	Perchlorate	818000	206000	ug/kg	Q	J	fd	86	50		

ATTACHMENT H

Qualifications based on Quantitation Issues

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
DS-E16-1	280-14718-1	SW8270C	SO	Benzo[b]fluoranthene	85000	ng/kg	K	J	q
DS-E16-1	280-14718-1	SW8270C	SO	Benzo[k]fluoranthene	150	ng/kg	U K	UJ	q
EE-C24-2	280-17578-2	SW8270C	SO	Benzo[b]fluoranthene	140	ug/kg	JK	J	q,sp
EE-C24-2	280-17578-2	SW8270C	SO	Benzo[k]fluoranthene	40	ug/kg	UK	UJ	q
SSAO5-09-0.0_01_BPC	280-12451-1	SW8270C	SO	Benzo[b]fluoranthene	42	ug/kg	JK	J	q,sp
SSAO5-09-0.0_01_BPC	280-12451-1	SW8270C	SO	Benzo[k]fluoranthene	45	ug/kg	UK	UJ	nd,q
SSAO5-09-0.0_01_BPC FD	280-12451-1	SW8270C	SO	Benzo[b]fluoranthene	43	ug/kg	JK	J	q,sp
SSAO5-09-0.0_01_BPC FD	280-12451-1	SW8270C	SO	Benzo[k]fluoranthene	46	ug/kg	UK	UJ	nd,q
DS-E14A-1	G1D260453	SW8081A	SO	alpha-BHC	12000	ug/kg	J Q	J	dc
CS-DC-1	G1E040615	SW8280A	SO	1,2,3,7,8,9-HXCDD	0.099	ng/g	J Q	JK	k,sp
CS-DC-2	G1E040615	SW8280A	SO	1,2,3,7,8,9-HXCDF	0.35	ng/g	J Q	JK	k,sp
CS-DC-2	G1E040615	SW8280A	SO	1,2,3,7,8-PECDD	0.11	ng/g	J Q	JK	k,sp
CS-C30-1	G1E050547	SW8280A	SO	OCDF	68	ng/g	E	J	e
EE-C18-1	G1E170481	SW8280A	SO	1,2,3,7,8,9-HXCDF	4.7	ng/g	J Q	JK	k,sp
EE-C18-1	G1E170481	SW8280A	SO	1,2,3,7,8-PECDD	0.50	ng/g	J Q	JK	k,sp
EE-D02-1	G1E170481	SW8280A	SO	1,2,3,7,8-PECDD	0.59	ng/g	J Q	JK	k,sp
EE-E14-1	G1F030418	SW8280A	SO	OCDF	530	ng/g	E	J	e
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,6,7,8-HxCDD	0.75	pg/l	J Q B	JK	bl,k
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDF	0.23	pg/g	J Q B	JK	bl,k
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	2,3,4,7,8-PeCDF	0.36	pg/g	J Q B	JK	bl,k
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDD	0.12	pg/g	J Q B	JK	bl,k
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDF	0.11	pg/g	J Q B	JK	bl,k
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	2,3,7,8-TCDF	0.42	pg/g	Q J	JK	k
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	OCDD	0.74	pg/g	J Q B	JK	bl,k
SSAO5-08-3.0_01_BPC	G1B110461	SW8290	SO	1,2,3,6,7,8-HxCDD	1.7	pg/g	J Q B	JK	k
SSAO5-08-3.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8-PeCDD	1.1	pg/g	J Q B	JK	k
SSAO5-08-3.0_01_BPC	G1B110461	SW8290	SO	2,3,7,8-TCDD	0.42	pg/g	J Q	JK	k
SSAO6-06-1.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,6,7,8-HpCDF	11000	pg/g	E B	J	e
SSAO6-06-1.0_01_BPC	G1B110461	SW8290	SO	2,3,7,8-TCDF	1300	pg/g	E G CON	J	e
SSAO6-06-1.0_01_BPC	G1B110461	SW8290	SO	OCDF	38000	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	1,2,3,4,6,7,8-HpCDF	8300	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	1,2,3,4,7,8,9-HpCDF	3800	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	1,2,3,4,7,8-HxCDF	3400	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	1,2,3,6,7,8-HxCDF	2500	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8-PeCDF	1500	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	2,3,7,8-TCDF	1500	pg/g	E G CON	J	e
SSAQ6-02-0.3_01_BPC	G1B110461	SW8290	SO	OCDF	27000	pg/g	E G B	J	e

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	1,2,3,4,6,7,8-HpCDF	7200	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	1,2,3,4,7,8,9-HpCDF	3200	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	1,2,3,4,7,8-HxCDF	2700	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	1,2,3,6,7,8-HxCDF	2100	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	1,2,3,7,8-PeCDF	1300	pg/g	E G B	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	2,3,7,8-TCDF	1300	pg/g	E G CON	J	e
SSAQ6-02-0.3_01_BPC_FD	G1B110461	SW8290	SQ	OCDF	22000	pg/g	E G B	J	e
SSAI3-08-10.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,6,7,8-HpCDF	4800	pg/g	E	J	e
SSAI3-08-10.0_01_BPC	G1B120441	SW8290	SO	1,2,3,4,7,8-HxCDF	2300	pg/g	E	J	e
SSAI3-08-10.0_01_BPC	G1B120441	SW8290	SO	1,2,3,6,7,8-HxCDF	1400	pg/g	E	J	e
SSAI3-08-10.0_01_BPC	G1B120441	SW8290	SO	2,3,7,8-TCDF	640	pg/g	CON E G	J	e
SSAI3-08-10.0_01_BPC	G1B120441	SW8290	SO	OCDF	8500	pg/g	E	J	e
SSAJ3-10-0.0_01_BPC	G1B120441	SW8290	SO	2,3,7,8-TCDF	12	pg/g	CON Q G	JK	k
SSAO5-09-0.0_01_BPC	G1B120441	SW8290	SO	2,3,7,8-TCDF	1100	pg/g	CON E G	J	e
SSAO5-09-0.0_01_BPC_FD	G1B120441	SW8290	SO	2,3,7,8-TCDF	1200	pg/g	E CON G	J	e
DS-C39B-1	G1D150604	SW8290	SO	OCDF	39000	pg/g	E	J	e
DS-D27-1	G1D150604	SW8290	SO	OCDF	25000	pg/g	E	J	e
DS-D27-2	G1D150604	SW8290	SO	OCDF	33000	pg/g	E G	J	e,i
CS-C06-1	G1D150605	SW8290	SO	1,2,3,4,6,7,8-HPCDF	0.90	pg/g	J Q B	JK	i,k,sp
CS-C06-1	G1D150605	SW8290	SO	OCDD	3.9	pg/g	Q J	JK	bl,i,k
DS-E16-1	G1D150605	SW8290	SO	OCDF	540000	pg/g	E G	J	e
DS-C08-1	G1D210492	SW8290	SO	1,2,3,4,6,7,8-HPCDF	41000	pg/g	E G B	J	e
DS-C08-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	2700	pg/g	E G CON	J	e
DS-C08-1	G1D210492	SW8290	SO	OCDF	100000	pg/g	E G B	J	e
DS-C09A-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	760	pg/g	E CON	J	e
DS-C10-1	G1D210492	SW8290	SO	1,2,3,4,6,7,8-HPCDF	6700	pg/g	E G B	J	e
DS-C10-1	G1D210492	SW8290	SO	1,2,3,4,7,8,9-HPCDF	2600	pg/g	E G B	J	e
DS-C10-1	G1D210492	SW8290	SO	1,2,3,4,7,8-HXCDF	2500	pg/g	E G B	J	e
DS-C10-1	G1D210492	SW8290	SO	1,2,3,6,7,8-HXCDF	1300	pg/g	E G B	J	e
DS-C10-1	G1D210492	SW8290	SO	1,2,3,7,8-PECDF	1200	pg/g	E G	J	e
DS-C10-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	530	pg/g	E CON	J	e
DS-C10-1	G1D210492	SW8290	SO	OCDF	17000	pg/g	E G B	J	e
DS-C10A-1	G1D210492	SW8290	SO	1,2,3,4,6,7,8-HPCDF	60000	pg/g	E B	J	e
DS-C10A-1	G1D210492	SW8290	SO	1,2,3,4,7,8-HXCDF	29000	pg/g	E G B	J	e
DS-C10A-1	G1D210492	SW8290	SO	1,2,3,6,7,8-HXCDD	1600	pg/g	E G H	J	e
DS-C10A-1	G1D210492	SW8290	SO	1,2,3,7,8,9-HXCDD	1700	pg/g	E G H	J	e
DS-C10A-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	4200	pg/g	E G CON	J	e

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
DS-C10A-1	G1D210492	SW8290	SO	OCDF	120000	pg/g	E G B	J	e
DS-C11-1	G1D210492	SW8290	SO	1,2,3,4,6,7,8-HPCDF	4100	pg/g	E G B	J	e
DS-C11-1	G1D210492	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1700	pg/g	E G B	J	e
DS-C11-1	G1D210492	SW8290	SO	1,2,3,4,7,8-HXCDF	1500	pg/g	E G B	J	e
DS-C11-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	400	pg/g	E CON	J	e
DS-C11-1	G1D210492	SW8290	SO	OCDF	15000	pg/g	E G B	J	e
DS-C19-1	G1D210492	SW8290	SO	1,2,3,4,6,7,8-HPCDF	5700	pg/g	E B	J	e
DS-C19-1	G1D210492	SW8290	SO	1,2,3,4,7,8,9-HPCDF	2100	pg/g	E G B	J	e
DS-C19-1	G1D210492	SW8290	SO	1,2,3,4,7,8-HXCDF	2000	pg/g	E G B	J	e
DS-C19-1	G1D210492	SW8290	SO	1,2,3,6,7,8-HXCDF	1200	pg/g	E G B	J	e
DS-C19-1	G1D210492	SW8290	SO	2,3,7,8-TCDF	510	pg/g	E CON	J	e
DS-C19-1	G1D210492	SW8290	SO	OCDF	19000	pg/g	E G B	J	e
CS-C05A-1	G1D220435	SW8290	SO	2,3,7,8-TCDD	0.098	pg/g	J Q B	JK	bl,k
CS-C07B-1	G1D220435	SW8290	SO	2,3,7,8-TCDD	0.25	pg/g	J Q B	JK	bl,k
CS-C08-2	G1D220435	SW8290	SO	2,3,7,8-TCDF	210	pg/g	E CON B	J	e
DS-D23-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDF	12000000	pg/g	E G B	J	e
DS-D23-1	G1D220435	SW8290	SO	1,2,3,4,7,8,9-HPCDF	4400000	pg/g	E G B	J	e
DS-D23-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDF	4300000	pg/g	E G B	J	e
DS-D23-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDF	2600000	pg/g	E G B	J	e
DS-D23-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDF	2200000	pg/g	E G B	J	e
DS-D23-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	780000	pg/g	E B CON	J	e
DS-D23-1	G1D220435	SW8290	SO	OCDF	30000000	pg/g	E G B	J	e
DS-DB-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDF	27000	pg/g	E B	J	e,fd
DS-DB-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	5000	pg/g	E CON B	J	e,fd
DS-DB-1	G1D220435	SW8290	SO	OCDF	100000	pg/g	E B	J	e,fd
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDF	3200	pg/g	E B	J	e,fd
DS-DB-2	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDF	1800	pg/g	E B	J	e,fd
DS-DB-2	G1D220435	SW8290	SO	2,3,7,8-TCDF	400	pg/g	CON B E	J	e,fd
DS-DB-2	G1D220435	SW8290	SO	OCDF	12000	pg/g	E B	J	e,fd
DS-DC-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDD	2000	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDF	7200	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	1,2,3,4,7,8,9-HPCDF	2500	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDF	3900	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDF	2300	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDF	2300	pg/g	E B	J	e
DS-DC-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	690	pg/g	CON E B	J	e
DS-DC-1	G1D220435	SW8290	SO	OCDF	29000	pg/g	E B	J	e

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HPCDD	570000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HPCDF	4300000	pg/g	E G B S	J	e,l
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,7,8,9-HPCDF	3400000	pg/g	E G B S	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,4,7,8-HXCDF	1900000	pg/g	E G Q B	JK	e,k,l
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,6,7,8-HXCDD	170000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,6,7,8-HXCDF	1700000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,7,8,9-HXCDD	140000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,7,8,9-HXCDF	330000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,7,8-PECDD	120000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	1,2,3,7,8-PECDF	1800000	pg/g	E G B	J	e,l
DS-E14A-1	G1D260453	SW8290	SO	2,3,4,6,7,8-HXCDF	410000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	2,3,4,7,8-PECDF	970000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	2,3,7,8-TCDD	43000	pg/g	E G B	J	e
DS-E14A-1	G1D260453	SW8290	SO	2,3,7,8-TCDF	1100000	pg/g	E G CON	J	e,l
DS-E14A-1	G1D260453	SW8290	SO	OCDD	490000	pg/g	E G B S	J	e
DS-E14A-1	G1D260453	SW8290	SO	OCDF	8500000	pg/g	E G B S	J	e,l
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HPCDD	360000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,6,7,8-HPCDF	3200000	pg/g	E G B S	J	e,l
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,7,8,9-HPCDF	2100000	pg/g	E G B S	J	e
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,4,7,8-HXCDF	1600000	pg/g	E G B	J	e,l
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,6,7,8-HXCDF	1000000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,7,8,9-HXCDF	250000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	1,2,3,7,8-PECDF	950000	pg/g	E G B	J	e,l
DS-E14A-2	G1D260453	SW8290	SO	2,3,4,6,7,8-HXCDF	220000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	2,3,4,7,8-PECDF	380000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	2,3,7,8-TCDD	26000	pg/g	E G B	J	e
DS-E14A-2	G1D260453	SW8290	SO	2,3,7,8-TCDF	650000	pg/g	E G CON	J	e,l
DS-E14A-2	G1D260453	SW8290	SO	OCDD	330000	pg/g	E B SAT	J	e
DS-E14A-2	G1D260453	SW8290	SO	OCDF	6600000	pg/g	E G B S	J	e,l
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,6,7,8-HXCDD	0.21	pg/g	J Q	JK	k,sp
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,7,8,9-HXCDD	0.18	pg/g	J Q B	JK	bl,k
CS-C09A-1	G1D280608	SW8290	SO	2,3,4,6,7,8-HXCDF	0.27	pg/g	J Q	JK	k,sp
DS-D06A-1	G1D280608	SW8290	SO	1,2,3,6,7,8-HXCDD	4.3	pg/g	J Q	JK	k,sp
EB-C07A-1	G1D280608	SW8290	WG	1,2,3,4,6,7,8-HPCDF	5.3	pg/l	J Q B	JK	bl,k
EB-C07A-1	G1D280608	SW8290	WG	1,2,3,4,7,8-HXCDF	2.6	pg/l	J Q	JK	k,sp
EB-C07A-1	G1D280608	SW8290	WG	1,2,3,6,7,8-HXCDF	2.4	pg/l	J Q	JK	k,sp
EB-C07A-1	G1D280608	SW8290	WG	OCDF	6.5	pg/l	J Q B	JK	bl,k

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.34	pg/g	J Q B	JK	bl,i,k
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8,9-HPCDF	0.40	pg/g	J Q B	JK	bl,i,k
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8-HXCDD	0.13	pg/g	J Q	JK	k,sp
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8-HXCDF	0.91	pg/g	J Q B	JK	bl,k
DS-C18-1	G1E040615	SW8290	SO	1,2,3,6,7,8-HXCDD	0.22	pg/g	J Q	JK	k,sp
DS-C18-1	G1E040615	SW8290	SO	1,2,3,6,7,8-HXCDF	0.28	pg/g	J Q B	JK	bl,k
DS-C18-1	G1E040615	SW8290	SO	1,2,3,7,8,9-HXCDF	0.21	pg/g	J Q B	JK	bl,k
DS-C18-1	G1E040615	SW8290	SO	1,2,3,7,8-PECDF	1.1	pg/g	J Q	JK	k,sp
DS-C18-1	G1E040615	SW8290	SO	2,3,4,7,8-PECDF	0.34	pg/g	J Q	JK	k,sp
DS-C18-2	G1E040615	SW8290	SO	1,2,3,4,7,8,9-HPCDF	0.83	pg/g	J Q B	JK	k,sp
CS-E08A-1	G1E050552	SW8290	SO	1,2,3,4,7,8-HXCDD	0.44	pg/g	J Q	JK	k,sp
CS-E11-1	G1E050552	SW8290	SO	1,2,3,4,7,8,9-HPCDF	130000	pg/g	G Q	JK	k
CS-E11-1	G1E050552	SW8290	SO	1,2,3,7,8-PECDD	3500	pg/g	Q	JK	k
CS-E11-1	G1E050552	SW8290	SO	2,3,7,8-TCDD	1200	pg/g	Q	JK	k
EE-E08A-1	G1E050552	SW8290	SO	1,2,3,6,7,8-HXCDD	2000	pg/g	J Q	JK	k,sp
EE-E08A-2	G1E050552	SW8290	SO	1,2,3,4,6,7,8-HPCDD	6400	pg/g	J Q	JK	k,sp
EE-E08A-2	G1E050552	SW8290	SO	1,2,3,6,7,8-HXCDD	2000	pg/g	J Q	JK	k,sp
EE-E09-1	G1E050552	SW8290	SO	1,2,3,4,6,7,8-HPCDF	2700	pg/g	E G	J	e
EE-E09-1	G1E050552	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1300	pg/g	E G	J	e
EE-E09-1	G1E050552	SW8290	SO	1,2,3,4,7,8-HXCDF	1700	pg/g	E G	J	e
EE-E09-1	G1E050552	SW8290	SO	2,3,7,8-TCDF	540	pg/g	E G CON	J	e
EE-E09-1	G1E050552	SW8290	SO	OCDF	8600	pg/g	E B	J	e
DS-D06A-2	G1E110471	SW8290	SO	1,2,3,7,8-PECDF	0.44	pg/g	J Q	JK	k,sp
CS-C10A-1	G1E170481	SW8290	SO	1,2,3,4,7,8-HXCDD	2.0	pg/g	J Q	JK	k,sp
CS-C10A-1	G1E170481	SW8290	SO	1,2,3,7,8,9-HXCDD	3.9	pg/g	J Q	JK	k,sp
CS-C10A-1	G1E170481	SW8290	SO	2,3,7,8-TCDD	0.91	pg/g	J Q	JK	k,sp
CS-E14A-2	G1E180549	SW8290	SO	1,2,3,7,8,9-HXCDD	1.1	pg/g	J Q	JK	k,sp
CS-E14A-2	G1E180549	SW8290	SO	2,3,7,8-TCDD	0.48	pg/g	J Q	JK	k,sp
EB-E14A-2	G1E180549	SW8290	WG	1,2,3,4,6,7,8-HPCDF	1.0	pg/l	J Q B	JK	bl,k
CS-C44-1	G1E180550	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.3	pg/g	J Q B	JK	bl,k
CS-C44-1	G1E180550	SW8290	SO	1,2,3,6,7,8-HXCDD	0.26	pg/g	J Q	JK	k,sp
CS-C44-1	G1E180550	SW8290	SO	2,3,4,6,7,8-HXCDF	0.20	pg/g	J Q B	JK	bl,k
CS-C44-1	G1E180550	SW8290	SO	2,3,4,7,8-PECDF	0.57	pg/g	J Q	JK	k,sp
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	1.8	pg/g	J Q	JK	k,sp
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,7,8,9-HPCDF	4.5	pg/g	J Q B	JK	bl,k
CS-E14A-3	G1F030418	SW8290	SO	2,3,4,6,7,8-HXCDF	0.75	pg/g	J Q	JK	c,k,sp
CS-E14A-3	G1F030418	SW8290	SO	2,3,4,7,8-PECDF	1.5	pg/g	J Q	JK	k,sp

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
CS-E14B-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	0.94	pg/g	J Q B	JK	k,sp
CS-E14B-1	G1F030418	SW8290	SO	2,3,4,6,7,8-HXCDF	0.56	pg/g	J Q	JK	k,sp
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	1.1	pg/g	J Q B	JK	i,k,sp
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDD	0.25	pg/g	J Q	JK	i,k,sp
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDD	0.40	pg/g	J Q	JK	i,k,sp
CS-E14C-1	G1F030418	SW8290	SO	1,2,3,7,8,9-HXCDD	0.28	pg/g	J Q	JK	i,k,sp
CS-E14C-1	G1F030418	SW8290	SO	2,3,4,7,8-PECDF	1.4	pg/g	J Q	JK	k,sp
EB-E14B-1	G1F030418	SW8290	WG	1,2,3,4,6,7,8-HPCDF	9.3	pg/l	J Q B	JK	bl,k
EB-E14B-1	G1F030418	SW8290	WG	1,2,3,4,7,8-HXCDF	12	pg/l	J Q	JK	k,sp
EB-E14B-1	G1F030418	SW8290	WG	1,2,3,6,7,8-HXCDF	5.1	pg/l	J Q	JK	k,sp
EB-E14B-1	G1F030418	SW8290	WG	2,3,4,6,7,8-HXCDF	3.2	pg/l	J Q	JK	k,sp
EB-E14B-1	G1F030418	SW8290	WG	OCDF	12	pg/l	J Q	JK	k,sp
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	1.4	pg/g	J Q B	JK	bl,i,k
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDD	0.21	pg/g	J Q	JK	k,sp
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	0.37	pg/g	J Q B	JK	bl,k
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,7,8-PECDF	0.57	pg/g	J Q	JK	k,sp
EE-E14C-1	G1F030418	SW8290	SO	2,3,4,6,7,8-HXCDF	0.30	pg/g	J Q	JK	k,sp
EE-E14C-1	G1F030418	SW8290	SO	2,3,7,8-TCDF	0.63	pg/g	J Q	JK	k,sp
CS-DC-4	G1F030428	SW8290	SO	1,2,3,6,7,8-HXCDF	3.2	pg/g	J Q B	JK	k,sp
CS-DC-4	G1F030428	SW8290	SO	1,2,3,7,8,9-HXCDD	0.36	pg/g	J Q	JK	k,sp
CS-DC-4	G1F030428	SW8290	SO	1,2,3,7,8,9-HXCDF	0.67	pg/g	J Q	JK	k,sp
CS-DC-4	G1F030428	SW8290	SO	2,3,4,6,7,8-HXCDF	0.68	pg/g	J Q	JK	k,sp
CS-DC-4	G1F030428	SW8290	SO	2,3,7,8-TCDF	1.2	pg/g	Q CON	JK	k
CS-DC-4	G1F030428	SW8290	SO	OCDD	2.0	pg/g	J Q B	JK	bl,k
CS-D10-1	G1F080418	SW8290	SO	1,2,3,4,7,8,9-HpCDF	3.1	pg/g	JQ	JK	k,sp
CS-D10-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDF	2.7	pg/g	JQ	JK	k,sp
CS-D10A-1	G1F080418	SW8290	SO	OCDD	3.7	pg/g	JQB	JK	k,sp
CS-D10A-1	G1F080418	SW8290	SO	OCDF	4.9	pg/g	JQ	JK	k,sp
CS-D10B-1	G1F080418	SW8290	SO	1,2,3,4,7,8,9-HpCDF	2.6	pg/g	JQ	JK	k,sp
CS-D10B-1	G1F080418	SW8290	SO	1,2,3,4,7,8-HxCDF	3.3	pg/g	JQ	JK	k,sp
CS-D10B-1	G1F080418	SW8290	SO	1,2,3,6,7,8-HxCDF	1.6	pg/g	JQ	JK	k,sp
CS-D10B-1	G1F080418	SW8290	SO	OCDF	15	pg/g	JQ	JK	k,sp
CS-DA-1	G1F080418	SW8290	SO	1,2,3,7,8,9-HxCDF	0.52	pg/g	JQ	JK	i,k,sp
CS-DB-2	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	3800	pg/g	EB	J	e
CS-DB-2	G1F080418	SW8290	SO	OCDF	11000	pg/g	EB	J	e
EE-D10-1	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	3000	pg/g	EB	J	e
EE-D10-1	G1F080418	SW8290	SO	OCDF	14000	pg/g	EB	J	e

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
EE-DB-1	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	6500	pg/g	EB	J	e
EE-DB-1	G1F080418	SW8290	SO	OCDF	26000	pg/g	EGB	J	e
EE-DB-2	G1F080418	SW8290	SO	1,2,3,4,6,7,8-HpCDF	7300	pg/g	EB	J	e,i
EE-DB-2	G1F080418	SW8290	SO	OCDF	28000	pg/g	EB	J	e,i
CS-DB-1	G1F090500	SW8290	SO	1,2,3,4,6,7,8-HpCDD	1.5	pg/g	JQB	JK	k,sp
CS-DB-1	G1F090500	SW8290	SO	1,2,3,6,7,8-HxCDF	1.6	pg/g	JQB	JK	k,sp
CS-DB-1	G1F090500	SW8290	SO	1,2,3,7,8,9-HxCDF	1.0	pg/g	JQB	JK	k,sp
CS-DB-1	G1F090500	SW8290	SO	2,3,4,6,7,8-HxCDF	0.43	pg/g	JQB	JK	bl,k
CS-DB-3	G1F090500	SW8290	SO	1,2,3,4,6,7,8-HpCDD	2.6	pg/g	JQB	JK	k,sp
CS-DB-3	G1F090500	SW8290	SO	1,2,3,6,7,8-HxCDD	1.2	pg/g	JQB	JK	k,sp
CS-DB-3	G1F090500	SW8290	SO	1,2,3,7,8,9-HxCDF	2.0	pg/g	JQB	JK	k,sp
CS-DB-3	G1F090500	SW8290	SO	2,3,4,7,8-PeCDF	6.3	pg/g	JQ	JK	k,sp
CS-DB-3	G1F090500	SW8290	SO	2,3,7,8-TCDF	7.7	pg/g	JQCON	JK	k,sp
CS-C11-1	G1F200452	SW8290	SO	1,2,3,4,6,7,8-HpCDD	1.9	pg/g	JQB	JK	k,sp
CS-D24-2	G1F200452	SW8290	SO	1,2,3,4,6,7,8-HpCDF	23000	pg/g	EB	J	e
CS-D24-2	G1F200452	SW8290	SO	OCDF	79000	pg/g	EB	J	e
CS-D24-3	G1F200452	SW8290	SO	1,2,3,4,6,7,8-HpCDD	4.0	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	1,2,3,4,6,7,8-HpCDF	26	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	1,2,3,4,7,8-HxCDF	11	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	1,2,3,6,7,8-HxCDF	5.2	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	1,2,3,7,8,9-HxCDF	2.0	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	2,3,4,6,7,8-HxCDF	1.9	pg/g	JQ	JK	k,sp
CS-D24-3	G1F200452	SW8290	SO	2,3,7,8-TCDF	6.0	pg/g	QJ	JK	k,sp
EB-C15-1	G1F200452	SW8290	WG	1,2,3,6,7,8-HxCDF	1.6	pg/l	JQ	JK	k,sp
EB-C15-1	G1F200452	SW8290	WG	OCDD	3.3	pg/l	JQB	JK	bl,k
EB-C15-1	G1F200452	SW8290	WG	OCDF	3.1	pg/l	JQB	JK	k,sp
CS-D23-1	G1G010412	SW8290	SO	2,3,7,8-TCDD	0.22	pg/g	JQB	JK	bl,k
EE-D25-2	G1G010412	SW8290	SO	1,2,3,4,6,7,8-HpCDF	24000	pg/g	EB	J	e
EE-D25-2	G1G010412	SW8290	SO	OCDF	87000	pg/g	EG	J	e
EB-D25A-1	G1H040461	SW8290	WG	1,2,3,4,7,8,9-HpCDF	10	pg/l	JBQ	JK	k,sp
EB-D25A-1	G1H040461	SW8290	WG	1,2,3,6,7,8-HxCDD	1.1	pg/l	JBQ	JK	bl,k
EB-D25A-1	G1H040461	SW8290	WG	1,2,3,7,8,9-HxCDD	1.6	pg/l	JBQ	JK	bl,k
EB-D25A-1	G1H040461	SW8290	WG	1,2,3,7,8,9-HxCDF	1.9	pg/l	JQ	JK	k,sp
EB-D25A-1	G1H040461	SW8290	WG	2,3,4,6,7,8-HxCDF	3.6	pg/l	JBQ	JK	bl,k
CS-D25A-1	G1H050420	SW8290	SO	2,3,7,8-TCDD	3.0	pg/g	JQ	JK	k,sp
CS-D25A-2	G1H050420	SW8290	SO	1,2,3,4,6,7,8-HpCDF	26000	pg/g	EB	J	e
CS-D25A-2	G1H050420	SW8290	SO	OCDF	69000	pg/g	EB	J	e,i

Sample ID	SDG	Method	Matrix	Analyte	Result	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code
CS-D25A-3	G1H050420	SW8290	SO	1,2,3,7,8-PeCDD	12	pg/g	JQ	JK	k,sp
CS-D25A-3	G1H050420	SW8290	SO	2,3,7,8-TCDD	5.0	pg/g	JQ	JK	k,sp
DS-E14C-2	G1I010458	SW8290	SO	OCDD	12000	pg/g	EB	J	e
CS-D31A-1	G1I010460	SW8290	SO	1,2,3,7,8,9-HxCDF	0.33	pg/g	JQ	JK	k,sp
CS-D31A-1	G1I010460	SW8290	SO	2,3,4,7,8-PeCDF	1.0	pg/g	JQ	JK	k,sp

ATTACHMENT I

Qualifications based on Blank Contamination

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Results	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	bl Result	bt Result	be Result
CS-C10B-1	280-18594-1	SW8260	SO	Methylene Chloride	1.7	1.7	ug/kg	JB	J	bl	1.15		
CS-C05A-1	280-14924-1	SW8081	SO	Hexachlorobenzene	0.48	0.48	ug/kg	J B	J	bl	0.547		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,4,6,7,8-HpCDD	2.2	2.2	pg/l	J B	J	bl	4.6		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,4,6,7,8-HpCDF	9.5	9.5	pg/l	J B	J	bl	12		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,4,7,8,9-HpCDF	3.4	3.4	pg/l	J B	J	bl	6.0		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,4,7,8-HxCDD	0.70	0.70	pg/l	J B	J	bl	1.3		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,4,7,8-HxCDF	4.9	4.9	pg/l	J B	J	bl	5.9		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,6,7,8-HxCDD	0.75	0.75	pg/l	J Q B	JK	bl,k	1.1		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,6,7,8-HxCDF	2.8	2.8	pg/l	J B	J	bl	4.3		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,7,8,9-HxCDD	1.1	1.1	pg/l	J B	J	bl	1.6		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,7,8,9-HxCDF	0.88	0.88	pg/l	J B	J	bl	1.7		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	1,2,3,7,8-PeCDF	2.2	2.2	pg/l	J B	J	bl	2.4		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	2,3,4,6,7,8-HxCDF	0.99	0.99	pg/l	J B	J	bl	2.5		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	2,3,4,7,8-PeCDF	1.8	1.8	pg/l	J B	J	bl	2.1		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	2,3,7,8-TCDF	2.5	2.5	pg/l	J B	J	bl	2.4		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	OCDD	4.7	4.7	pg/l	J B	J	bl	10		
EB-02092011-SSAO6	G1B110461	SW8290	WQ	OCDF	19	19	pg/l	J B	J	bl	25		
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,6,7,8-HpCDD	0.74	0.74	pg/g	J B	J	bl	0.30		
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDF	0.23	0.23	pg/g	J Q B	JK	bl,k	0.24		
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	2,3,4,6,7,8-HxCDF	0.44	0.44	pg/g	J B	J	bl	0.25		
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	2,3,4,7,8-PeCDF	0.36	0.36	pg/g	J Q B	JK	bl,k	0.15		
SSAJ2-07-2.0_01_BPC	G1B110461	SW8290	SO	OCDD	0.94	0.94	pg/g	J B	J	bl	0.93		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,6,7,8-HpCDD	0.26	0.26	pg/g	J B	J	bl	0.30		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,7,8,9-HpCDF	0.63	0.63	pg/g	J B	J	bl	0.17		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,7,8-HxCDD	0.070	0.070	pg/g	J B	J	bl	0.14		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,4,7,8-HxCDF	0.62	0.62	pg/g	J B	J	bl	0.23		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,6,7,8-HxCDD	0.12	0.12	pg/g	J B	J	bl	0.21		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,6,7,8-HxCDF	0.52	0.52	pg/g	J B	J	bl	0.20		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDD	0.12	0.12	pg/g	J Q B	JK	bl,k	0.17		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8,9-HxCDF	0.11	0.11	pg/g	J Q B	JK	bl,k	0.24		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	1,2,3,7,8-PeCDF	0.33	0.33	pg/g	J B	J	bl	0.13		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	2,3,4,6,7,8-HxCDF	0.15	0.15	pg/g	J B	J	bl	0.25		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	2,3,4,7,8-PeCDF	0.19	0.19	pg/g	J B	J	bl	0.15		
SSAK2-02-0.0_01_BPC	G1B110461	SW8290	SO	OCDD	0.74	0.74	pg/g	J Q B	JK	bl,k	0.93		
CS-C06-1	G1D150605	SW8290	SO	OCDD	3.9	3.9	pg/g	Q J	JK	bl,i,k	0.85		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDD	1.5	1.5	pg/g	J B	J	bl	0.79		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDF	19	19	pg/g	B	J	bl	4.8		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,4,7,8,9-HPCDF	6.6	6.6	pg/g	B	J	bl	1.7		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDD	0.21	0.21	pg/g	J B	J	bl	0.13		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDF	7.8	7.8	pg/g	B	J	bl	2.0		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDD	0.48	0.48	pg/g	J B	J	bl	0.28		

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Results	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	bl Result	bt Result	be Result
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDF	5.1	5.1	pg/g	B	J	bl	1.5		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,7,8,9-HXCDD	0.43	0.43	pg/g	J B	J	bl	0.18		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,7,8,9-HXCDF	0.86	0.86	pg/g	J B	J	bl	0.26		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDD	0.28	0.28	pg/g	J B	J	bl	0.22		
CS-C05A-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDF	3.6	3.6	pg/g	B	J	bl	1.5		
CS-C05A-1	G1D220435	SW8290	SO	2,3,4,6,7,8-HXCDF	1.1	1.1	pg/g	J B	J	bl	0.34		
CS-C05A-1	G1D220435	SW8290	SO	2,3,4,7,8-PECDF	1.9	1.9	pg/g	J B	J	bl	0.76		
CS-C05A-1	G1D220435	SW8290	SO	2,3,7,8-TCDD	0.098	0.098	pg/g	J Q B	JK	bl,k	0.12		
CS-C05A-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	1.6	1.6	pg/g	CON B	J	bl	0.52		
CS-C05A-1	G1D220435	SW8290	SO	OCDD	2.6	2.6	pg/g	J B	J	bl	2.6		
CS-C05A-1	G1D220435	SW8290	SO	OCDF	50	50	pg/g	B	J	bl	12		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,4,6,7,8-HPCDD	2.6	2.6	pg/g	B	J	bl	0.79		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDD	0.27	0.27	pg/g	J B	J	bl	0.13		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDD	0.69	0.69	pg/g	J B	J	bl	0.28		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,7,8,9-HXCDD	0.61	0.61	pg/g	J B	J	bl	0.18		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDD	0.53	0.53	pg/g	J B	J	bl	0.22		
CS-C07B-1	G1D220435	SW8290	SO	1,2,3,7,8-PECDF	5.9	5.9	pg/g	B	J	bl	1.5		
CS-C07B-1	G1D220435	SW8290	SO	2,3,4,6,7,8-HXCDF	1.7	1.7	pg/g	J B	J	bl	0.34		
CS-C07B-1	G1D220435	SW8290	SO	2,3,4,7,8-PECDF	3.4	3.4	pg/g	B	J	bl	0.76		
CS-C07B-1	G1D220435	SW8290	SO	2,3,7,8-TCDD	0.25	0.25	pg/g	J Q B	JK	bl,k	0.12		
CS-C07B-1	G1D220435	SW8290	SO	2,3,7,8-TCDF	2.6	2.6	pg/g	CON B	J	bl	0.52		
CS-C07B-1	G1D220435	SW8290	SO	OCDD	4.7	4.7	pg/g	J B	J	bl	2.6		
CS-C07B-2	G1D220435	SW8290	SO	1,2,3,4,7,8-HXCDD	0.46	0.46	pg/g	J B	J	bl	0.13		
CS-C07B-2	G1D220435	SW8290	SO	1,2,3,6,7,8-HXCDD	1.0	1.0	pg/g	J B	J	bl	0.28		
CS-C07B-2	G1D220435	SW8290	SO	1,2,3,7,8,9-HXCDD	0.80	0.80	pg/g	J B	J	bl	0.18		
CS-C07B-2	G1D220435	SW8290	SO	1,2,3,7,8-PECDD	0.74	0.74	pg/g	J B	J	bl	0.22		
CS-C07B-2	G1D220435	SW8290	SO	2,3,7,8-TCDD	0.30	0.30	pg/g	J B	J	bl	0.12		
CS-C07B-2	G1D220435	SW8290	SO	OCDD	11	11	pg/g	B	J	bl	2.6		
CS-C08-2	G1D220435	SW8290	SO	OCDD	9.3	9.3	pg/g	B	J	bl	2.6		
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.70	0.70	pg/g	J B	J	bl	0.58		
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDF	4.3	4.3	pg/g	B	J	be,bl	2.1		5.3 pg/L
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.8	1.8	pg/g	J B	J	bl	0.88		
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,4,7,8-HXCDF	2.0	2.0	pg/g	J B	J	be,bl	0.78		2.6 pg/L
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,6,7,8-HXCDF	1.7	1.7	pg/g	J B	J	be,bl	0.65		2.4 pg/L
CS-C07A-1	G1D280608	SW8290	SO	1,2,3,7,8,9-HXCDD	0.18	0.18	pg/g	J B	J	bl	0.22		
CS-C07A-1	G1D280608	SW8290	SO	OCDD	2.9	2.9	pg/g	J B	J	be,bl	1.6		8.9 pg/L
CS-C07A-1	G1D280608	SW8290	SO	OCDF	8.4	8.4	pg/g	B	J	be,bl	4.9		6.5 pg/L
CS-C08-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.65	0.65	pg/g	J B	J	bl	0.58		
CS-C08-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDF	4.6	4.6	pg/g		J	be,bl	2.1		5.3 pg/L
CS-C08-1	G1D280608	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.6	1.6	pg/g	J B	J	bl	0.88		
CS-C08-1	G1D280608	SW8290	SO	1,2,3,4,7,8-HXCDF	1.5	1.5	pg/g	J B	J	be,bl	0.78		2.6 pg/L

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Results	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	bl Result	bt Result	be Result
CS-C08-1	G1D280608	SW8290	SO	1,2,3,6,7,8-HXCDF	1.3	1.3	pg/g	J B	J	be,bl	0.65		2.4 pg/L
CS-C08-1	G1D280608	SW8290	SO	1,2,3,7,8,9-HXCDD	0.32	0.32	pg/g	J B	J	bl	0.22		
CS-C08-1	G1D280608	SW8290	SO	OCDD	2.2	2.2	pg/g	J B	J	be,bl	1.6		8.9 pg/L
CS-C08-1	G1D280608	SW8290	SO	OCDF	13	13	pg/g	B	J	be,bl	4.9		6.5 pg/L
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.90	0.90	pg/g	J B	J	bl	0.58		
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,4,6,7,8-HPCDF	5.2	5.2	pg/g	B	J	be,bl	2.1		5.3 pg/L
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,4,7,8,9-HPCDF	2.4	2.4	pg/g	J B	J	bl	0.88		
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,4,7,8-HXCDF	1.7	1.7	pg/g	J B	J	be,bl	0.78		2.6 pg/L
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,6,7,8-HXCDF	1.3	1.3	pg/g	J B	J	be,bl	0.65		2.4 pg/L
CS-C09A-1	G1D280608	SW8290	SO	1,2,3,7,8,9-HXCDD	0.18	0.18	pg/g	J Q B	JK	bl,k	0.22		
CS-C09A-1	G1D280608	SW8290	SO	OCDD	2.8	2.8	pg/g	J B	J	be,bl	1.6		8.9 pg/L
CS-C09A-1	G1D280608	SW8290	SO	OCDF	14	14	pg/g	B	J	be,bl	4.9		6.5 pg/L
EB-C07A-1	G1D280608	SW8290	WQ	1,2,3,4,6,7,8-HPCDF	5.3	5.3	pg/l	J Q B	JK	bl,k	2.5		
EB-C07A-1	G1D280608	SW8290	WQ	OCDD	8.9	8.9	pg/l	J B	J	bl	12		
EB-C07A-1	G1D280608	SW8290	WQ	OCDF	6.5	6.5	pg/l	J Q B	JK	bl,k	5.8		
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.34	0.34	pg/g	J Q B	JK	bl,i,k	0.31		
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8,9-HPCDF	0.40	0.40	pg/g	J Q B	JK	bl,i,k	0.098		
DS-C18-1	G1E040615	SW8290	SO	1,2,3,4,7,8-HXCDF	0.91	0.91	pg/g	J Q B	JK	bl,k	0.22		
DS-C18-1	G1E040615	SW8290	SO	1,2,3,6,7,8-HXCDF	0.28	0.28	pg/g	J Q B	JK	bl,k	0.15		
DS-C18-1	G1E040615	SW8290	SO	1,2,3,7,8,9-HXCDF	0.21	0.21	pg/g	J Q B	JK	bl,k	0.16		
DS-C18-1	G1E040615	SW8290	SO	OCDD	3.6	3.6	pg/g	J B	J	bl,i	1.3		
DS-C18-2	G1E040615	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.57	0.57	pg/g	J B	J	bl	0.31		
DS-C18-2	G1E040615	SW8290	SO	1,2,3,7,8,9-HXCDF	0.25	0.25	pg/g	J B	J	bl	0.16		
DS-C18-2	G1E040615	SW8290	SO	2,3,4,6,7,8-HXCDF	0.27	0.27	pg/g	J B	J	bl	0.11		
DS-C18-2	G1E040615	SW8290	SO	OCDD	2.8	2.8	pg/g	J B	J	bl,i	1.3		
CS-E14A-2	G1E180549	SW8290	SO	OCDD	10	10	pg/g	J B	J	bl	1.0		
EB-E14A-2	G1E180549	SW8290	WQ	1,2,3,4,6,7,8-HPCDF	1.0	1.0	pg/l	J Q B	JK	bl,k	1.0		
EB-E14A-2	G1E180549	SW8290	WQ	OCDD	11	11	pg/l	J B	J	bl	3.7		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.70	0.70	pg/g	J B	J	bl	0.24		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,4,6,7,8-HPCDF	2.6	2.6	pg/g	J B	J	bl	2.6		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,4,7,8,9-HPCDF	1.3	1.3	pg/g	J Q B	JK	bl,k	1.1		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,4,7,8-HXCDF	2.6	2.6	pg/g	J B	J	bl	1.4		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,6,7,8-HXCDF	0.77	0.77	pg/g	J B	J	bl	0.73		
CS-C44-1	G1E180550	SW8290	SO	1,2,3,7,8-PECDF	1.5	1.5	pg/g	J B	J	bl	0.31		
CS-C44-1	G1E180550	SW8290	SO	2,3,4,6,7,8-HXCDF	0.20	0.20	pg/g	J Q B	JK	bl,k	0.18		
CS-C44-1	G1E180550	SW8290	SO	OCDD	2.4	2.4	pg/g	J B	J	bl	1.0		
CS-C44-1	G1E180550	SW8290	SO	OCDF	4.6	4.6	pg/g	J B	J	bl	5.5		
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	12	12	pg/g	J B	J	bl	0.36		
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,7,8,9-HPCDF	4.5	4.5	pg/g	J Q B	JK	bl,k	0.21		
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDF	6.2	6.2	pg/g	J B	J	bl,c	0.21		
CS-E14A-3	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	3.4	3.4	pg/g	J B	J	bl,c	0.15		

Sample ID	SDG	Method	Matrix	Analyte	Result	Mod Results	Units	Lab Qualifiers	Validation Qualifiers	Validation Reason Code	bl Result	bt Result	be Result
CS-E14A-3	G1F030418	SW8290	SO	2,3,7,8-TCDF	5.5	5.5	pg/g	J CON B	J	bl	0.29		
CS-E14A-3	G1F030418	SW8290	SO	OCDD	3.6	3.6	pg/g	J B	J	bl	0.18		
CS-E14B-1	G1F030418	SW8290	SO	OCDD	3.1	3.1	pg/g	J B	J	bl,i	1.2		
CS-E14C-1	G1F030418	SW8290	SO	OCDD	3.6	3.6	pg/g	J B	J	bl,i	1.2		
EB-E14B-1	G1F030418	SW8290	WQ	1,2,3,4,6,7,8-HPCDF	9.3	9.3	pg/l	J Q B	JK	bl,k	2.7 pg/g		
EB-E14B-1	G1F030418	SW8290	WQ	1,2,3,4,7,8,9-HPCDF	7.0	7.0	pg/l	J B	J	bl	3.0 pg/g		
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDD	0.79	0.79	pg/g	J B	J	bl,i	0.20		
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,6,7,8-HPCDF	1.4	1.4	pg/g	J Q B	JK	bl,i,k	0.38		
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,4,7,8-HXCDF	1.2	1.2	pg/g	J B	J	bl	0.24		
EE-E14C-1	G1F030418	SW8290	SO	1,2,3,6,7,8-HXCDF	0.37	0.37	pg/g	J Q B	JK	bl,k	0.14		
EE-E14C-1	G1F030418	SW8290	SO	OCDD	1.2	1.2	pg/g	J B	J	bl,i	1.2		
CS-DC-4	G1F030428	SW8290	SO	OCDD	2.0	2.0	pg/g	J Q B	JK	bl,k	1.20		
CS-DB-1	G1F090500	SW8290	SO	2,3,4,6,7,8-HxCDF	0.43	0.43	pg/g	JQB	JK	bl,k	0.095		
CS-C11-1	G1F200452	SW8290	SO	1,2,3,4,6,7,8-HpCDF	4.7	4.7	pg/g	JB	J	bl	1.2		
CS-C11-1	G1F200452	SW8290	SO	OCDF	16	16	pg/g	JB	J	bl	4.1		
EB-C15-1	G1F200452	SW8290	WQ	OCDD	3.3	3.3	pg/l	JQB	JK	bl,k	2.3		
CS-D23-1	G1G010412	SW8290	SO	1,2,3,4,7,8-HxCDD	0.66	0.66	pg/g	JB	J	bl	0.23		
CS-D23-1	G1G010412	SW8290	SO	1,2,3,7,8,9-HxCDD	0.89	0.89	pg/g	JB	J	bl	0.36		
CS-D23-1	G1G010412	SW8290	SO	1,2,3,7,8-PeCDD	0.77	0.77	pg/g	JB	J	bl	0.17		
CS-D23-1	G1G010412	SW8290	SO	2,3,7,8-TCDD	0.22	0.22	pg/g	JQB	JK	bl,k	0.092		
CS-D23-1	G1G010412	SW8290	SO	OCDD	3.4	3.4	pg/g	JB	J	bl	1.1		
CS-D23-2	G1G010412	SW8290	SO	1,2,3,4,7,8-HxCDD	0.90	0.90	pg/g	JB	J	bl	0.23		
CS-D23-2	G1G010412	SW8290	SO	1,2,3,7,8,9-HxCDD	1.6	1.6	pg/g	JB	J	bl	0.36		
CS-D23-2	G1G010412	SW8290	SO	2,3,7,8-TCDD	0.42	0.42	pg/g	JB	J	bl	0.092		
EB-D25A-1	G1H040461	SW8290	WQ	1,2,3,6,7,8-HxCDD	1.1	1.1	pg/l	JBQ	JK	bl,k	1.1		
EB-D25A-1	G1H040461	SW8290	WQ	1,2,3,7,8,9-HxCDD	1.6	1.6	pg/l	JBQ	JK	bl,k	0.98		
EB-D25A-1	G1H040461	SW8290	WQ	2,3,4,6,7,8-HxCDF	3.6	3.6	pg/l	JBQ	JK	bl,k	6.4		
EB-D25A-1	G1H040461	SW8290	WQ	OCDD	8.7	8.7	pg/l	JB	J	bl	0.73		
CS-C07A-1	G1D280608	SW6020	SO	ARSENIC	1.4	1.4	mg/kg		J	be			0.0090mg/L
CS-C08-1	G1D280608	SW6020	SO	ARSENIC	1.5	1.5	mg/kg		J	be			0.0090mg/L
EB-02092011-SSAO6	280-12420-2	E314.0	WQ	Perchlorate	0.91	1.0	ug/l	J	J	bl	0.530		